



Yearly Status Report - 2019-2020

Part A

Data of the Institution

| | | |
|---|--|--|
| 1. Name of the Institution | | VINAYAKA MISSION'S RESEARCH FOUNDATION |
| Name of the head of the Institution | | Prof. Dr. P.K. Sudhir |
| Designation | | Vice Chancellor |
| Does the Institution function from own campus | | Yes |
| Phone no/Alternate Phone no. | | 04272529700 |
| Mobile no. | | 9362104171 |
| Registered Email | | vc@vmu.edu.in |
| Alternate Email | | vmtrust@gmail.com |
| Address | | Sankari Main Road, Ariyanoor |
| City/Town | | Salem |
| State/UT | | Tamil Nadu |
| Pincode | | 636308 |
| 2. Institutional Status | | |

| | |
|--|--------------------------|
| University | Deemed |
| Type of Institution | Co-education |
| Location | Rural |
| Financial Status | Self financed |
| Name of the IQAC co-ordinator/Director | Prof. Dr. P. Gnanasekar |
| Phone no/Alternate Phone no. | 04272529700 |
| Mobile no. | 9159277000 |
| Registered Email | director.iqac@vmu.edu.in |
| Alternate Email | iqac@vmu.edu.in |

3. Website Address

| | |
|--|---|
| Web-link of the AQAR: (Previous Academic Year) | https://vinayakamission.com/Reports-IQAC.php |
| 4. Whether Academic Calendar prepared during the year | Yes |
| if yes,whether it is uploaded in the institutional website: Weblink : | https://vinayakamission.com/Academic-calendar.php |

5. Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity | |
|-------|-------|------|-----------------------|-------------|-------------|
| | | | | Period From | Period To |
| 1 | B | 2.73 | 2015 | 16-Nov-2015 | 15-Nov-2020 |

6. Date of Establishment of IQAC

15-Feb-2016

7. Internal Quality Assurance System

| Quality initiatives by IQAC during the year for promoting quality culture | | |
|---|------------------|---------------------------------------|
| Item /Title of the quality initiative by IQAC | Date & Duration | Number of participants/ beneficiaries |
| WORSHOP ON PREPARATION OF SSR | 10-Dec-2019 1 | 30 |
| TRAINING ON NAAC ACCREDITATION FOR ALL THE | 09-Mar-2020 8 | 1152 |

| | | |
|---|------------------|----|
| FACULTY | | |
| WORKSHOP ON SENSITIZATION OF NAAC CRITERIA AND SCORING IN NAAC FOR HODs | 18-Sep-2019 1 | 70 |
| WORKSHOP ON SENSITIZATION OF NAAC CRITERIA AND SCORING IN NAAC FOR HODs | 17-Sep-2019 1 | 95 |
| WORKSHOP ON SENSITIZATION OF NAAC CRITERIA AND SCORING IN NAAC FOR HODs | 09-Sep-2019 1 | 75 |
| Workshop on Preparedness of NAAC Re accreditation | 12-Aug-2019 2 | 30 |
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

| Institution/Department/ Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|---------------------------------|--------|----------------|-----------------------------|--------|
| Not Applicable | NA | Not Applicable | 2020 0 | 0 |
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

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11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Sensitized the Faculty of the constituent colleges and schools on the preparation of NAAC SSR.

Conducted series of Workshops to sensitize the Heads of institutions, Heads of Departments and Faculty on the preparation of NAAC SSR and the Assessment and Accreditation Process.

During the Covid -19 Pandemic lock down period, the online platform was used for conducting meeting of the institutional IQAC Co-ordinators on the various aspects of NAAC SSR preparation and Assessment process.

Issued Standard Operating Procedures (SOPs) for the Workplaces to handle COVID 19 Pandemic period.

Support given to the constituent institutions and schools to obtain ISO certification, NABH certification and NABL certification from the respective agencies.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

| Plan of Action | Achivements/Outcomes |
|--|--|
| To obtain NABH and NABL certification for the medical colleges | Obtained entry level NABH certification for the three medical colleges and obtained NABL certification for the three medical college hospital laboratories |
| To obtain ISO certification for some of the constituent schools and colleges | Obtained ISO certification for nearly institutions and schools |
| Online compilation of data and documents for Preparation of SSR | IN house designed software used to collect and collate data from all the constituent institutions and schools for SSR preparation |
| Introduction of LMS in all the constituent institutions and schools | Institutional LMS successfully implemented in all the constituent institutions and schools |
| To conduct series of Workshops to sensitize the faculty on NAAC Criteria and Scoring in NAAC | Conducted series of workshops and training programs for all the faculty to sensitize the faculty on NAAC Criterias and Scoring. |

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14. Whether AQAR was placed before statutory body ?

Yes

| Name of Statutory Body | Meeting Date |
|------------------------|--------------|
| Board of Management | 30-May-2020 |

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

| | |
|--|--|
| 16. Whether institutional data submitted to AISHE: | Yes |
| Year of Submission | 2020 |
| Date of Submission | 19-May-2020 |
| 17. Does the Institution have Management Information System ? | Yes |
| If yes, give a brief description and a list of modules currently operational (maximum 500 words) | A COMPREHENSIVE ERP SYSTEM HAS BEEN IMPLEMENTED IN THE UNIVERSITY COVERING ADMISSIONS, ACADEMICS, LMS, FINANCE, GOVERNANCE, EVALUATION AND FINAL CERTIFICATION |

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

| Name of Programme | Programme Code | Programme Specialization | Date of Revision |
|-------------------|----------------|--------------------------|------------------|
| BA | 709 | Tamil | 22/08/2019 |
| BA | 711 | English | 22/08/2019 |
| BCom | 712 | Commerce | 22/08/2019 |
| BBA | 714 | Business Administration | 22/08/2019 |
| BSc | 715 | Mathematics | 22/08/2019 |
| BSc | 716 | Computer Science | 22/08/2019 |
| BCA | 717 | Computer Science | 22/08/2019 |
| BSc | 718 | Physics | 22/08/2019 |
| BSc | 719 | Chemistry | 22/08/2019 |
| BCom | 721 | Corporate Secretaryship | 22/08/2019 |

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

| Programme with Code | Programme Specialization | Date of Introduction | Course with Code | Date of Introduction |
|---------------------|--------------------------|----------------------|-----------------------------------|----------------------|
| BSc | Chemistry | 23/08/2019 | Industrial Chemistry-71917402 | 23/08/2019 |
| BSc | Chemistry | 23/08/2019 | Pharmaceutical Chemistry-71917303 | 23/08/2019 |

| | | | | |
|---------------------------|------------------|------------|--|------------|
| BSc | Chemistry | 23/08/2019 | Agricultural Chemistry-71917403 | 23/08/2019 |
| BSc | Chemistry | 23/08/2019 | Textile Chemistry-71917404 | 23/08/2019 |
| BSc | Computer Science | 23/08/2019 | Programming In Java - 71617401 | 23/08/2019 |
| BSc | Computer Science | 23/08/2019 | Database Management System And Its Applications - 71717302 | 23/08/2019 |
| BSc | Computer Science | 23/08/2019 | Scripting Languages - 71617502 | 23/08/2019 |
| BSc | Computer Science | 23/08/2019 | Visual Basic .Net Programming - 71617304 | 23/08/2019 |
| BSc | Computer Science | 23/08/2019 | Cloud Computing - 71617601 | 23/08/2019 |
| BSc | Computer Science | 23/08/2019 | Software Lab Using Python - 716171P1 | 23/08/2019 |
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|-------------------|--------------------------|-----------------------|
| MOptom | Optometry | 16/09/2019 |
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|----------------------------------|------------------------------|---|
| BPT | Physiotherapy | 30/08/2019 |
| BSc | Cardiac Technology | 16/09/2019 |
| BSc | Operation Theatre Technology | 16/09/2019 |
| BSc | Anesthesia Technology | 16/09/2019 |
| BSc | Renal Dialysis Technology | 16/09/2019 |
| BSc | Medical Lab Technology | 16/09/2019 |
| BSc | Radiography | 16/09/2019 |
| BOptom | Optometry | 16/09/2019 |
| BArch | Architecture | 10/07/2019 |

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

| Value Added Courses | Date of Introduction | Number of Students Enrolled |
|---|----------------------|-----------------------------|
| Stress Management | 13/03/2020 | 50 |
| Bio ethics | 08/02/2020 | 50 |
| Campus Recruitment and Training | 19/02/2020 | 50 |
| Medicinal Nutrition Management | 30/08/2019 | 60 |
| Natural Products and Medicinal importance | 30/08/2019 | 60 |
| Entrepreneurship Skills | 07/02/2020 | 60 |
| GST for MSME Owners | 07/02/2020 | 60 |
| GST FOR DENTAL PRACTICE | 29/05/2020 | 40 |
| Introduction to MS Office | 15/02/2020 | 40 |
| Sign Language | 29/02/2020 | 40 |
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1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|---------------------------|------------------------------|---|
| BSc | Anaesthesia Technology | 37 |
| BSc | Cardiac Technology | 50 |
| MBBS | Community Medicine | 430 |
| MD | Dermatology | 2 |
| MS | Otorhinolaryngology | 3 |
| MD | General Medicine | 6 |
| MS | General Surgery | 4 |
| BSc | Medical Lab Technology | 29 |
| BSc | Neuro Science Technology | 2 |
| BSc | Operation Theatre Technology | 8 |
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

| | |
|-----------|-----|
| Students | Yes |
| Teachers | Yes |
| Employers | Yes |
| Alumni | Yes |
| Parents | Yes |

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Obtained feedback from employers, alumni and other stakeholders, analysed and based on the analysis, the concerned departments incorporate feedback along with inputs from faculty members and suggest changes to Board of Studies which deliberates on the recommendations and also further inputs from International Advisory Board and the Research Advisory Board approves and forwards to academic council. Based on the academic council recommendation changes in curriculum incorporated with the approval of the Board of Management.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|-----------------------|--|---------------------------|--------------------------------|-------------------|
| MS | General Surgery | 13 | 3881 | 13 |
| MD | Emergency Medicine | 2 | 3881 | 2 |
| MD | Immuno Haematology & Blood Transfusion | 2 | 3881 | 2 |
| MD | Radio-diagnosis | 11 | 3881 | 11 |
| MD | Anaesthesiology | 12 | 3881 | 12 |
| MD | Psychiatry | 4 | 3881 | 4 |
| MD | DVL | 9 | 3881 | 9 |
| MD | Paediatrics | 15 | 3881 | 15 |
| MD | General Medicine | 20 | 3881 | 20 |
| MBBS | Medicine | 300 | 10023 | 300 |

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|------|---|---|---|---|--|
| 2019 | 10065 | 999 | 429 | 174 | 726 |

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Number of smart classrooms | E-resources and techniques used |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 1329 | 1329 | 256 | 196 | 69 | 210 |

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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes, Students Mentoring system is available in all constituent units of the University. This system is implemented as per UGC 'Deeksharambh' for setting of universal human values. It gets the student to explore oneself and allows one to experience the joy of learning, stand up to peer pressure, take decisions with courage, be aware of relationships, be sensitive to others, understand the role of money in life, and feeling of prosperity, etc. as per UGC guidelines. Students mentoring system is designed to pair faculty and students with the motive of combining leadership and mentorship to enhance the academic performance and social responsibilities of the students. This establishes a long term relationship of the mentees with the mentors. When the students (mentees) enrolled in first year, the mentors are allotted to them. Each mentor is allotted with around 10 mentees. Every scheduled month in a specified time schedule, mentor – mentee meetings are carried out where the mentees informally discuss and interact with the mentors. Human values as care for in our constitution like justice, liberty, equality, fraternity, human dignity and the unity and integrity of the Nation can also be part of this discussion. Focus should be on inculcating values of equality and responsibility towards one's fellow citizens of any caste, class or creed. During discussion issues and requirements of SC/ST/OBC students should be assessed and addressed. Mentor-mentee relationship can help students form a bond with faculty members which can be of great help during various tough times in study courses. The interactions are documented and analyzed. Recommended discussion topics for the mentoring sessions are outlined for the mentors. The mentor takes full care of the mentees not only in academics but also on their holistic growth throughout the stay in the institution. The outcomes of the meetings are minuted and forwarded to the concerned Heads of Departments or Heads of Institutions for information and appropriate action.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 11064 | 1329 | 1:10 |

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

| No. of sanctioned positions | No. of filled positions | Vacant positions | Positions filled during the current year | No. of faculty with Ph.D |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 1329 | 1218 | 111 | 111 | 193 |

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

| Year of Award | Name of full time teachers receiving awards from state level, national level, international level | Designation | Name of the award, fellowship, received from Government or recognized bodies |
|---------------|---|---------------------|---|
| 2019 | Mahalakshmi V N | Dean | Winner Oral Presentation, Bio Ethicon 2019, UNESCO |
| 2019 | Dharmalingam | Associate Professor | Active Pediatrician Award, Indian Academic of Pediatrics |
| 2019 | Sivaraj | Professor | Life Time Education Achievement Award, National International Compendium, Delhi |
| 2019 | Sadesh Kannan | Professor | Excellence in Oral and Maxillofacial |

| | | | |
|---------------------------|----------------|---------------------|--|
| | | | Surgery Award, The Indian board of Oral and Maxillofacial Surgery of the association of oral and maxillofacial surgeons of India |
| 2019 | Pushpavathi S | Associate Professor | Bronze Level Partner, Infosys Campus Connect |
| 2019 | Malathi S | Professor | Prestigious IRDP - Best Researcher / IRTP Group of Journals, Chennai 23rd February 2020. |
| 2019 | Lakshmi Jatiya | Professor | Chairperson , State CME- Environmental challenges to Cardiovascular health |
| 2019 | Sendilkumar B | Director | Exemplary leader in Internationalization of Indian Education, EAIE, Indian Education Network |
| 2019 | Palaniyammal U | Assistant Professor | Prestigious IRDP - Best Researcher / IRTP Group of Journals, Chennai 23rd February 2020. |
| 2019 | Selvanayaki V | Principal | Inspirational College Principal of the Year / Global Education Awards Dubai 14.12.2019 |
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

| Programme Name | Programme Code | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
|----------------------------|----------------|----------------|--|---|
| BSc Trauma care management | 278 | Year | 23/10/2019 | 09/11/2019 |
| BOptom | 274 | Year | 23/10/2019 | 11/09/2019 |
| BASLP | 273 | Semester | 27/09/2019 | 10/10/2019 |
| BHMS | 161 | Year | 31/08/2019 | 06/09/2019 |

| | | | | |
|---------------------------|-----|----------|------------|------------|
| BPT | 211 | Year | 11/09/2019 | 25/09/2019 |
| BSc Nursing | 241 | Year | 17/09/2019 | 01/10/2019 |
| BDS | 131 | Year | 12/09/2019 | 26/09/2019 |
| MBBS | 161 | Year | 02/09/2019 | 17/09/2019 |
| Pharm D | 320 | Year | 17/08/2019 | 06/09/2019 |
| BPharm | 291 | Semester | 17/08/2019 | 06/09/2019 |
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

| Number of complaints or grievances about evaluation | Total number of students appeared in the examination | Percentage |
|---|--|------------|
| 787 | 5946 | 13 |

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://vinayakamission.com/Academics.php>

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass Percentage |
|---------------------------|----------------|---|---|---|-----------------|
| 220 | MPT | Physiotherapy | 22 | 22 | 100 |
| 274 | BOptom | Optometry | 81 | 44 | 54 |
| 273 | BASLP | Audiology and Speech Language Pathology | 18 | 16 | 89 |
| 161 | BHMS | Homoeopathy | 84 | 84 | 100 |
| 211 | BPT | Physiotherapy | 46 | 27 | 59 |
| 241 | BSc Nursing | Nursing | 202 | 199 | 99 |
| 131 | BDS | Dental | 62 | 44 | 71 |
| 101 | MBBS | Medicine | 240 | 210 | 88 |
| 320 | Pharm D | Pharmacy | 28 | 28 | 100 |
| 291 | BPharm | Pharmacy | 108 | 84 | 78 |
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://vinayakamission.com/feedback/form_sss.php

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

| Type | Name of the teacher awarded the fellowship | Name of the award | Date of award | Awarding agency |
|----------|--|---------------------------------|---------------|-----------------------------------|
| National | K.Shantha Shalini | Fellowship for undergoing Ph.D. | 01/10/2019 | VMRF (DU) |
| National | R.Shobana | Fellowship for undergoing Ph.D. | 01/10/2019 | VMRF (DU) |
| National | Arun Daniel | Fellow of Diabetes India | 10/10/2019 | International diabetes federation |
| National | L.Kamaraj | Fellowship for undergoing Ph.D. | 01/10/2019 | VMRF (DU) |
| National | Sarammma Mathew Fenn | Fellowship for undergoing Ph.D. | 01/10/2019 | VMRF (DU) |
| National | Mathew Jacob | Fellowship for undergoing Ph.D. | 01/10/2019 | VMRF (DU) |
| National | I.Ameeth Basha | Fellowship for undergoing Ph.D. | 01/10/2019 | VMRF (DU) |
| National | A.Karthikeyan | Fellowship for undergoing Ph.D. | 01/10/2019 | VMRF (DU) |
| National | Sudha R | Fellowship for undergoing Ph.D. | 01/10/2019 | VMRF (DU) |
| National | S.Leelavathy | Fellowship for undergoing Ph.D. | 01/10/2019 | VMRF (DU) |

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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

| Name of Research fellowship | Duration of the fellowship | Funding Agency |
|---|----------------------------|----------------|
| Research Associate 1 (Dr.A.B.Sathya) | 1095 | VMRF (DU) |
| Research Associate 2 (Dr.S.Sathees Kumar) | 1095 | VMRF (DU) |
| Research Associate 3 (Dr.R.Balaji) | 1095 | VMRF (DU) |
| Research Associate 4 (Dr.N.Prithiviraj) | 1095 | VMRF (DU) |
| Research Associate 5 (Dr.M.Aarthi) | 1095 | VMRF (DU) |

| | | |
|--|------|---|
| Research Associate 6 (Dr.B.Jeyakumar) | 1095 | VMRF (DU) |
| Research Associate 7 (Dr.K.Suganya) | 1095 | VMRF (DU) |
| Research Associate 8 (Dr.Reena Rajan) | 1095 | VMRF (DU) |
| Project Fellow (Ms. G. Nirmala Devi) | 1095 | UGC-DAE Consortium for Scientific Research |
| Project Associate (Ms.K.R.Vandana) | 180 | DRDO |
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

| Nature of the Project | Duration | Name of the funding agency | Total grant sanctioned | Amount received during the year |
|--|----------|--|------------------------|---------------------------------|
| Major Projects | 1095 | DST-SEED, DRDO, ICMR, DBT-UKRI, DST-SERB, DBT-BIRAC, Rangarajan Foods, M.S. Elektronik Industries, KNOVONAT, Carmel Infotech Solutions | 131.86 | 17.03 |
| Minor Projects | 365 | ICMR, Tuberculosis association of India, Apt Dental Distributors, Microshield Health Care Products Pvt Ltd, | 1.36 | 0.25 |
| Projects sponsored by the University | 730 | VMRF (DU) | 131.07 | 65.5 |
| Students Research Projects (Other than compulsory by the University) | 365 | Tamilnadu State Council for Science and Technology, ICMR | 4 | 0.23 |
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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

| Title of workshop/seminar | Name of the Dept. | Date |
|---|-------------------|------------|
| Workshop on Biostatistics in Medical Research | Medicine | 29/11/2019 |

| | | |
|---|----------------------------|------------|
| Workshop on Matrix Rhythm Therapy - A Magic Wand For Physiotherapists | Physiotherapy | 30/11/2019 |
| Seminar-Explore New Horizons In Fitness Industry | Physiotherapy | 03/03/2020 |
| Workshop-Hands On Training In Real Time Pcr | Medicine | 03/07/2019 |
| Seminar IPR and its Importance | Arts | 08/01/2020 |
| Seminar on Innovation and Entrepreneurship | Arts | 03/02/2020 |
| Seminar on Intellectual Property Rights (IPR) Awareness Programme | Physical Education | 06/03/2020 |
| Seminar on Intellectual Property Rights | Medicine | 30/11/2019 |
| Core Training Industrial visit to Spirulina Nutritech Foundation | Pharmaceutical Engineering | 10/11/2019 |
| VMKVEC-BOSCH Joint -Skill Development Program | Mechanical Engineering | 14/10/2019 |
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

| Title of the innovation | Name of Awardee | Awarding Agency | Date of award | Category |
|---|--|--|---------------|---|
| Mentor in Sahayak Virtual Hackathon 1.0 for the prototype petra | L.Chitra | University of petroleum and Energy studies, Dehradun | 26/06/2020 | Faculty Mentor |
| Atal Ranking of Institution on Innovation Achievement (ARIIA) 2020 (ranked between 26-50) | Vinayaka Missions College of Pharmacy | Ministry of education and MHRD innovation cell, Govt. Of India and AICTE | 18/08/2020 | One among 26-50 Institutions- Under University category |
| Atal Ranking of Institution on Innovation Achievement (ARIIA) 2020 (ranked between 26-50) | Aarupadai Veedu Institute of Technology | Ministry of education and MHRD innovation cell, Govt. Of India and AICTE | 18/08/2020 | One among 26-50 Institutions- Under University category |
| Atal ranking of institutions on innovation achievements (ARIAA) - 2020 | Vinayaka mission's kirupananda variyar engineering college | Ministry of education and MHRD innovation cell, Govt. Of India and AICTE | 18/08/2020 | One among 6 to 25 Institutions in I -under Institution category |

| | | | | |
|--|--------------|--|------------|--|
| Review of digital twin designing for process control station | L.Chitra | Kalasalingam academy of research and education | 20/06/2020 | Best paper award in international conference on automation, signal processing and energy system (ICASE) 2020 |
| Review of digital twin designing for process control station | S.Sunkrutha | Kalasalingam academy of research and education | 20/06/2020 | Best paper award in international conference on automation, signal processing and energy system (ICASE) 2020 |
| Review of digital twin designing for process control station | R.Ranjith | Kalasalingam academy of research and education | 20/06/2020 | Best paper award in international conference on automation, signal processing and energy system (ICASE) 2020 |
| MRI scanner | Manoj M. | VMKVEC, VMRF-DU | 24/01/2020 | Won Second Prize in Waste to Wealth Expo-2020 |
| Manufacturing of spent mushroom board | Ragul S. | VMKVEC, VMRF-DU | 24/01/2020 | Won Second Prize in Waste to Wealth Expo-2020 |
| Conversion of plastic into fuel | Vallarasu K. | VMKVEC, VMRF-DU | 24/01/2020 | Won First Prize in Waste to Wealth Expo-2020 |

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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

| Incubation Center | Name | Sponsored By | Name of the Start-up | Nature of Start-up | Date of Commencement |
|--|---|--|----------------------|--------------------|----------------------|
| MSME Business Incubator at VMKVEC, Salem | Prof. Dr. A. P. J. Abdul Kalam Business Incubator | Ministry of Micro, Small and Medium Enterprises, Government of India | Palani Vel Pyros | Manufacturing | 02/09/2019 |
| Innovation and Incubation centre at | Ganesan Incubation and Entrepreneurship | Ministry of Micro, Small and Medium Enterprises, | Corner Stone | Manufacturing | 01/04/2020 |

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

| Name of the Department | Number of PhD's Awarded |
|----------------------------------|-------------------------|
| Anatomy | 2 |
| Microbiology (Medical) | 3 |
| Surgery | 1 |
| Dentistry | 1 |
| Pharmacy | 7 |
| Nursing | 5 |
| Computer Science and Engineering | 1 |
| Biochemistry (Medical) | 1 |
| Education | 1 |
| Management | 2 |
| CSE | 2 |
| Mechanical Engineering | 3 |
| Civil Engineering | 1 |

3.4.2 – Research Publications in the Journals notified on UGC website during the year

| Type | Department | Number of Publication | Average Impact Factor (if any) |
|---------------|-----------------------------------|-----------------------|--------------------------------|
| International | Physical Education | 4 | 9.80 |
| International | Commerce | 7 | 5.90 |
| International | English | 3 | 5.90 |
| International | Science Humanities | 9 | 5.70 |
| International | Mathematics | 3 | 5.67 |
| International | Psychiatric Nursing | 1 | 5.40 |
| International | Computer Science And Engineering | 38 | 5.29 |
| International | Computer Science And Applications | 2 | 4.60 |
| International | Physics | 3 | 4.54 |
| International | Biomedical Engineering | 5 | 3.30 |

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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

| Department | Number of Publication |
|------------------------|-----------------------|
| Allied Health Sciences | 8 |
| Anatomy | 3 |

| | |
|----------------------------------|-----|
| Biotechnology | 15 |
| Center For Biomedical Research | 1 |
| Chemical Sciences | 1 |
| Chemistry | 7 |
| Civil Engineering | 121 |
| Community Medicine | 4 |
| Computer Science | 8 |
| Computer Science And Engineering | 5 |
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3.4.4 – Patents published/awarded/applied during the year

| Patent Details | Patent status | Patent Number | Date of Award |
|---|---------------|---------------|---------------|
| A Portable Ice to Water Converter | Filed | 202041010252 | 01/03/2020 |
| Automatic Auscultation Using Electronic Stethoscope for Early Detection of Cardiac Diseases | Filed | 202041010250 | 01/03/2020 |
| Composite Materials for Heavy Commercial Vehicle Body | Filed | 202041010248 | 01/03/2020 |
| Cryogenic Grinding with Unaltered Qualities of the Spices | Filed | 202041010253 | 01/03/2020 |
| Design and Implementation of Bio-Solar Cells based Automatic Irrigation System using IOT Module | Filed | 202041010249 | 01/03/2020 |
| Design of Textile Effluent Treatment Plant | Filed | 202041010251 | 01/03/2020 |
| Extraction of Polyunsaturated fatty acids from fish wastes | Filed | 202041010254 | 01/03/2020 |
| Intubating Scope | Filed | 328962-001 | 01/04/2020 |
| Saponian rich herbal Formulations for various pharmacological activities | Filed | 202041010245 | 01/03/2020 |
| A Diagonisation Technique for prediction and | Filed | 202041010247 | 01/03/2020 |

prevention of High Voltage Insulators from Flash Over

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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

| Title of the Paper | Name of Author | Title of journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|--|---|----------------------------|---------------------|----------------|--|---|
| Modeling A Pumped Storage Hydropower Integrated To A Hybrid Power System With Solar-Wind Power And Its Stability Analysis | Xu B., Chen D., Venkatesh Kumar M., Xiao Y., Yue Y., Xing Y., Li P. | Applied Energy | 2019 | 30 | Aarupadai Veedu Institute Of Technology | 27 |
| Plant-Mediated Synthesis, Characterization And Bactericidal Potential Of Emerging Silver Nanoparticles Using Stem Extract Of Phyllanthus Pinnatus: A Recent Advance In Phytonanotechnology | Krishnan Anand., Pandi Boomi., Muthupandian Saravanan., Paramasivam Gurumorthy., Natchimuthu Karmegam., Hamed Barabadi., Ramasamy Subbaiya., Ramalingam Balachandrar | Journal Of Cluster Science | 2019 | 22 | Aarupadai Veedu Institute Of Technology., Aarupadai Veedu Institute Of Technology | 18 |
| Enriched Pressmud Vermicompost Production With Green manure Plants Using Eudriluseugeni | Balachandrar Ramalingam., Logalakshmanan Baskaran., Ananthanarayanan Yuvaraj., Ramasundaram Thangar | Bioresourc e Technology | 2020 | 11 | Aarupadai Veedu Institute Of Technology | 8 |

| | | | | | | |
|--|--|--|------|----|---|---|
| ae | aj., Ramasamy Subbaiya., Balasubram ani Ravind ran., Soon Woong Chang., Na tchimuthu Karmegam | | | | | |
| Investigation On The rmo-Mechanical Chara cteristics Of Treated /Untreated Portunus S anguinolens Shell Powder- Based Jute Fabrics Reinforced Epoxy Composites | P Kumaran., S Mohanamu rugaan., S Madhu., R Vijay., D Lenin Sing aravelu., A Vinod., Mr Sanjay., Suchart Siengchin | Journal Of Industrial Textiles | 2019 | 11 | Aarupadai Veedu Institute Of Technology | 5 |
| Securing Twitter Data Using Srb21 Phase I Me thodology | Bagath Basha C., Rajaprakas h S. | Internatio nal Journal Of Scientific And Technology Research | 2019 | 11 | Aarupadai Veedu Institute Of Technol ogy., Aarupadai Veedu Institute Of Technology | 6 |
| A Comparat ive Study Of Twitter Sentiment Analysis Using Machine Learning Algorithms In Big Data | Bagath Basha C., Somasundar am K. | Internatio nal Journal Of Recent Technology And Engine ering | 2019 | 8 | Vinayaka Missions K irupananda Variyar En gineering College., Aarupadai Veedu Institute Of Technology | 7 |
| A New Catalyst Ti Doped Cdo Thin Film For N on- Enzymatic Hydrogen Peroxide | Sankarasub ramanian K., Babu K.J., Soun darrajan P., Logu T., Gnanakumar G., | Sensors And Actuators, B: Chemical | 2019 | 7 | Aarupadai Veedu Institute Of Technology | 6 |

| | | | | | | |
|--|--|--|------|---|--|---|
| Sensor Application | Ramamurthi K., Sethuraman K., Senthil Kumar S.M. | | | | | |
| Analysis Of Vibration Signal Responses On Pre Induced Tunnel Defects In Friction Stir Welding Using Wavelet Transform And Empirical Mode Decomposition | Rabi J., Balusamy T., Raj Jawahar R. | Defence Technology | 2019 | 7 | Vinayaka Missions Kirupananda Variyar Engineering College | 7 |
| 2019 Novel Coronavirus: A Mysterious Threat From Wuhan, China-A Current Review | Ramalingam Kothai., Balasubramanian Arul | International Journal Of Research In Pharmaceutical Sciences | 2020 | 6 | Vinayaka Missions College Of Pharmacy., Vinayaka Missions College Of Pharmacy | 5 |
| Enhancing The Security Using Smb18 Method Of Embedding Computing | C Bagath Basha., Singaravelu Rajaprakash | Microprocessors And Microsystems | 2020 | 6 | Aarupadai Veedu Institute Of Technology., Aarupadai Veedu Institute Of Technology | 6 |
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the Paper | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|--|---------------------------------------|---------------------------------|---------------------|---------|---|---|
| A comparative study of twitter sentiment | Bagath Basha, C., Somasundaram, K. | International Journal of Recent | 2019 | 1 | 9 | Department of CSE, Aarupadai Veedu |

| | | | | | | |
|---|---|---|------|---|----|--|
| analysis using machine learning algorithms in big data | | Technology and Engineering | | | | Institute of Technology, Vinayaka Mission's Research Foundation, Salem, Tamil Nadu, India |
| Internet of things-discrete wavelet transform and Gabor wavelet transform based image enhancement resolution technique for IoT satellite applications | Muthukrishnan, A., Charles Rajesh Kumar, J., Vinod Kumar, D., Kanagaraj, M. | Cognitive Systems Research | 2019 | 1 | 9 | Department of Electronics and Communication Engineering, VMKV Engineering College, Vinayaka Missions Research Foundation, Salem, 636308, India |
| Study on Stress-Strain effect of reinforced Metakaolin based GPC under compression | Parthiban, D., Vijayan, D.S. | Materials Today: Proceedings | 2020 | 1 | 9 | Department of Civil Engineering, Aarupadai Veedu Institute of Technology-VMRF, Chennai, India |
| Modeling of thermal conductivity and density of alumina/silica in water hybrid nanocolloid by the application of Artificial Neural Networks | Kannaiyan, S., Boobalan, C., Nagarajan, F.C., Sivaraman, S. | Chinese Journal of Chemical Engineering | 2019 | 1 | 10 | Department of Mechanical Engineering, Aarupadai Veedu Institute of Technology, Paiyanoor, India |
| Enriched | Balachanda | Bioresourc | 2020 | 1 | 11 | Department |

| | | | | | | |
|--|---|--|------|---|----|--|
| pressmud v ermicompos t production with green manure plants using Eudr iluseugeni ae | r, R.,Bask aran, L.,Y uvaraj, A. ,Thangaraj , R.,Subba iya, R.,Ra vindran, B.,Chang, S.W.,Karme gam, N. | e Technology | | | | of Biotech nology, Aa rupadaiVee du Institute of Technol ogy, Vinayaka Missions Research Foundation (Deemed to be Univers ity), Paiyanoor, Chennai, Tamil Nadu |
| Investigat ion on the rmo-mechan ical chara cteristics of treated /untreated Portunussa nguinolent us shell p owder- based jute fabrics reinforced epoxy composites | Kumaran, P ,Mohanamu rugan, S.,Madhu, S.,Vijay, R.,Lenin S ingaravelu , D.,Vinod, A.,Sanjay, M.R.,Sieng chin, S. | Journal of Industrial Textiles | 2020 | 1 | 11 | Department of Mechanical Engineerin g, Aarupad aiVeedu Institute of Technol ogy, Chennai, Tamil Nadu, India |
| Securing twitter data using srb21 phase i me thodology | BagathBash a, C.,Raja prakash, S. | Internatio nal Journal of Scientific and Technology Research | 2019 | 1 | 12 | CSE, Aarup adaiVeedu Institute of Technol ogy, Vinayaka Mission's Research F oundation, Chennai, Tamil Nadu, India |
| Cancer-ass ociated fibroblast (CAF) expression in metastatic and non-me tastatic oral squamous | Sekar, B., Saranyan, R.,Nirmal, R.M.,Indra priyadhars hini, K.,M urugesan, A., Yoitha pprabhunat h, T.R. | Internatio nal Journal of Advanced Science and Technology | 2019 | 1 | 19 | Department of Oral Ma xillofacia l Pathology and Oral M icrobiolog y, Vinayaka Mission's Sankaracha |

| | | | | | | |
|---|---|--------------------------------|------|---|----|--|
| cell carcinoma (OSCC)-a determinant in cancer progression | | | | | | riyar Dental College, VMRF-DU, Salem, India |
| Investigation on the mechanical behavior of areca sheath fibers/jute fibers/glass fabrics reinforced hybrid composite for light weight applications | Jothibasur, S.Mohanamurugan, S.Vijayar., Lenin Singaravelu, D., Vinod, A., Sanjay, M.R. | Journal of Industrial Textiles | 2020 | 1 | 20 | Department of Mechanical Engineering, Aarupadaiveedu Institute of Technology, Chennai, India |

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

| Number of Faculty | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 2059 | 8099 | 1488 | 3467 |
| Presented papers | 255 | 255 | 38 | 1029 |
| Resource persons | 52 | 104 | 97 | 276 |

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

| Name of the Consultant(s) department | Name of consultancy project | Consulting/Sponsoring Agency | Revenue generated (amount in rupees) |
|--------------------------------------|--|------------------------------|--------------------------------------|
| Civil, AVIT | Evaluation of load carrying capacity sundaram clayton Ltd | United Shakthi Associates | 0.04 |
| Civil, AVIT | Evaluation of load carrying capacity steel storage rack | United Shakthi Associates | 0.03 |
| Civil, AVIT | Machine Spindle Steel | United Shakthi Associates | 0.01 |
| Civil, AVIT | Evaluation of structural stability cantilever steel car parking shed | United Shakthi Associates | 0.05 |

| | | | |
|---------------------------|--|---|------|
| CSE, AVIT | Development of products/projects in internet of things | Stigmata Techno Solutions Pvt. Ltd | 0.4 |
| ECE, AVIT | Design and Development of Solar and Wind Energy Generator Training System | OHMTRONIXS | 0.15 |
| ECE, AVIT | Design and Development of Servo Controlled Patient warmer system | Biovision Technology Envisioned | 0.2 |
| EEE, AVIT | Challenges in development of Indigenous Solar Inverter with reduced harmonics | Velsine Technologies Ramapuram, Chennai | 0.15 |
| EEE, AVIT | Testing and calibration of solar panels up to the rating of 100 kWp to be used in street light installations | Vijayalakshmi Enterprises | 0.1 |
| MECH, AVIT | Alternate fuel testing | JJ College of Engineering | 0.05 |
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

| Name of the Consultan(s) department | Title of the programme | Agency seeking / training | Revenue generated (amount in rupees) | Number of trainees |
|-------------------------------------|---|---------------------------------------|--------------------------------------|--------------------|
| AVIT | Training of Trainers | VMAPL | 7.2 | 780 |
| EEE ECE, AVIT | Training in the areas of Electrical and Electronics Engineering and Electronics and Communication Engineering | Salcomp Manufacturing India Pvt. Ltd. | 6.2 | 31 |
| BIOTECH, AVIT | Enzyme Stability | Janaki Scientific Company | 0.25 | 5 |
| Civil, AVIT | Structural Drawing training for Industrial Engineers | Karan Construction India, Adyar | 0.04 | 15 |
| CSE, AVIT | Mentoring and | Arvita Global | 0.45 | 15 |

| | | | | |
|--------------------------------------|---|---------------------------------------|-------|----|
| | Training in Computer Network and Cyber security | Solutions Pvt. Ltd | | |
| EEE,AVIT | Introduction to the Standard Operating Procedures to be followed in a Grid Connected Solar Power plant | VD Swamy Solar, Chennai | 0.15 | 10 |
| EEE,AVIT | Training to the technicians (Suthern Region) of M/S Ecosence, New Delhi | M/S Ecosence | 0.2 | 12 |
| EEE ECE,AVIT | Training in the areas of Electrical and Electronics Engineering and Electronics and Communication Engineering | Salcomp Manufacturing India Pvt. Ltd. | 13.31 | 31 |
| Center For Biomedical Research, AVMC | Hands On Traning In Real Time PCR | Helini Biomolecules | 0.8 | 26 |
| VMKV Arts and Science College | Hands on Training on MSME UdyogAadhar Registration | Salem Productivity Council | 0.05 | 20 |
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

| Title of the activities | Organising unit/agency/ collaborating agency | Number of teachers participated in such activities | Number of students participated in such activities |
|--|--|--|--|
| Aids Awareness Programme | RRC | 17 | 308 |
| Anaesthesia Day Celebration | RRC | 6 | 20 |
| Anti Corruption Day Programme | NSS | 47 | 150 |
| Anti Ragging, Sexual Harrasement Cyber Crime Awareness Programme | VMHMCH | 25 | 300 |

| | | | |
|--|---|----|-----|
| Awareness On Legal Services Authority | NSS | 4 | 27 |
| Awareness On Loneliness And Prevention On Drug Addiction | NSS UNIT/ PANCHAYATH UNION PRIMARY SCHOOL , CHINNA SEERAGAPADI | 2 | 50 |
| Awareness On Solid Waste Management Campaign | NSS | 7 | 54 |
| Awareness Program On Prevention Of Kidney Disease | SAHS, Pondy Campus | 5 | 24 |
| Awareness Rally On Road Safety And Road Rules | NSS UNIT/ PANCHAYATH UNION PRIMARY SCHOOL , CHINNA SEERAGAPADI | 2 | 50 |
| Blood Donation Awareness / Camp | NSS/RRC/YRC | 49 | 635 |
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

| Name of the activity | Award/Recognition | Awarding Bodies | Number of students Benefited |
|-----------------------------------|--|--|------------------------------|
| Water Rich Puducherry | Award of Appreciation | Raj Nivas, Puducherry. | 25 |
| Eco Green Campus | Award of Appreciation | Rotary Club, Karaikal. | 30 |
| Medical camp Extension activities | Best NSS unit | Panchayat VMRU-DU | 100 |
| Blood Donation Camp | Appreciation | JIPMER | 23 |
| Rally for Siddha | Appreciation | Siddha Regional Research Institute | 49 |
| Sangamam Sports Event | Appreciation | Kanjimamunivar GOVT Institute for post graduate studies and research | 5 |
| Combined Annual Training Camp | First Prize in Volley Ball Event | 12 Battalion NCC, Salem | 1 |
| Republic Day Selection Camp | Special Achievement in Drill | 2 Tamil Nadu Comp Tech COY NCC, Coimbatore | 1 |
| Swachhta Pakhwada | Second Prize in Debate under Senior Women Category | 11 (TN) SIG COY NCC, Salem | 1 |
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

| Name of the scheme | Organising unit/Agency/collaborating agency | Name of the activity | Number of teachers participated in such activities | Number of students participated in such activities |
|----------------------------|---|--|--|--|
| Deworming Day | RRC | National Deworming Day - Health Screening (Early Detection And Prevention Of Worm Infestation) | 15 | 270 |
| Dental Camp | Nss | Dental Screening And Awareness Camp | 30 | 165 |
| Dengu Awareness | Nss,Rrc | Dengu Awareness Program | 93 | 683 |
| Covid-19 Awareness | Nss | Awareness Campaign To Prevent The Spread Of Covid-19 | 392 | 683 |
| Breast Cancer Awareness | Nss | Breast Cancer Awareness Camp And Screening Programme | 3 | 35 |
| Blood Donation | Rrc/Nss/Yrc | Blood Organ Donation Rally | 229 | 703 |
| Ayushman Bharat Phakwara | NSS | Cmchis - Ayushman Bharat Phakwara Program | 14 | 24 |
| Aids Awareness Programme | Red Ribbon Club | Aids Awareness Programme | 9 | 200 |
| AICTE One Student One Tree | NSS | AICTE One Student One tree | 30 | 285 |
| 150th Gandhi Jayanthi Day | NSS | 150th Gandhi Jayanthi Day Awareness Rally | 52 | 277 |
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

| Nature of activity | Participant | Source of financial support | Duration |
|--|-------------|-----------------------------|----------|
| Mahsa University , Faculty Of Dentistry , Malaysia VMRF(DU) - VMSDC Student Mobility Program | 10 | VMRF-DU | 15 |

| | | | |
|--|----|---------|-----|
| Dr.Shubhra Chauhan ,Fellowship In Head And Neck Surgical Oncology | 12 | VMRF-DU | 1 |
| Post Graduate Training | 28 | VMRF-DU | 90 |
| Research | 1 | VMRF-DU | 3 |
| Research | 1 | VMRF-DU | 365 |
| Research | 1 | VMRF-DU | 730 |
| Research-Clinical Trial Syneos Health | 4 | VMRF-DU | 365 |
| SAHS-Student Exchange-Medical Education-Arasan Eye Hospitals | 4 | VMRF-DU | 730 |
| AVIT-Product Development- Development Of V2 Buddy Nursing Robot | 3 | VMRF-DU | 15 |
| AVIT-Training How To Make Your Own Robot Organized For School Students | 75 | VMRF-DU | 2 |
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant |
|-------------------|-----------------------------|--|---------------|-------------|-------------|
| Training | Webinar | Naresuan University, Phitsanulek, Thailand | 26/06/2020 | 26/06/2020 | 45 |
| Training | Faculty Development Program | Naresuan University, Phitsanulek, Thailand | 15/05/2020 | 15/05/2020 | 1205 |
| Clinical Training | Industry Internship | Emmys Special School, 61/1-A, Iyya narvattam, Erikarai Road, Reddiyur, Salem Cell No: 9489555329 | 29/02/2020 | 29/02/2020 | 10 |

| | | | | | |
|----------------------------------|--|--|------------|------------|----|
| Clinical Training | Industry Internship | Step Up Dance Fitness Studio, 83/5, 2Nd Floor, Murugan Kovil Street, Fairlands, Salem 636016 , Cell No: 9843211006 | 23/02/2020 | 28/02/2020 | 22 |
| Clinical Training | Industry Internship | Energy Fitness , Tiruppur , Dr C Alagar Raj, General Manager, Cell No: 7708031548 | 25/01/2020 | 25/01/2020 | 49 |
| Clinical Training | Industry Internship | Core Fitness, State Bank Colony, Salem. Dr.P. Sridhar, Senior Manager Cell No :9843714192 | 15/12/2019 | 14/01/2020 | 10 |
| Clinical Training | Industry Internship | Core Fitness, State Bank Colony, Salem. Dr.P. Sridhar, Senior Manager Cell No :9843714192 | 01/11/2019 | 30/11/2020 | 49 |
| National Expert Committee Member | Introduction Of Palliative Care In Mbbs Curriculum | Trivandrum institute for palliative care services, a WHO training center | 21/01/2020 | 22/01/2020 | 1 |
| Student Exchange Programme | Medical Education | Arasan Eye Hospital, 26, Annamalai layout, Opp. Royal Theatre, | 02/01/2020 | 31/03/2020 | 4 |

| | | | | | |
|---------------------------|------------------|---|------------|------------|---|
| | | Near Bus Stand, Veerappanchantharam , Erode, Tamilnadu 638011, Co | | | |
| Industries For Internship | Machine Learning | Cognifront, Nashik | 12/10/2019 | 25/12/2019 | 1 |
| View File | | | | | |

3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

| Organisation | Date of MoU signed | Purpose/Activities | Number of students/teachers participated under MoUs |
|--|--------------------|--|---|
| Kalpatharu Special Education Centre, Chinna Thirupathi | 21/08/2019 | Dental Screening Patient Welfare | 3 |
| Primary Health Centre, Vembadithalam | 08/06/2019 | Student Training Patient Welfare | 3 |
| Government School For Deaf And Dumb , Sooramangalam , Salem | 14/11/2019 | Oral Health Service | 3 |
| Microsurgery Research And Training Centre Madhavaram, Chennai | 20/11/2020 | Patient Welfare And Academic Purpose | 6 |
| Dr.G.D.Boaz Memorial Hospital School, Chennai | 20/12/2019 | Psychiatric Training | 61 |
| Dr.Malathi Manipal Hospital, Bangalore | 26/11/2019 | Medical Surgical Nursing | 4 |
| The Gandhi Gram Institute Of Rural Health And Family Welfare Trust, Dindigul | 06/11/2019 | Community Health Nusing | 1 |
| Pondicherry Cancer Trust Hospital | 19/05/2020 | Medical And Surical Oncology Services | 68 |
| Knovonat, Salem | 20/12/2019 | Motivational Talk And Introduction About The Company Has Been Given By The Company. And Entrepreneurship Oppertunities In This A | 14 |
| Palanivel Pyros, Salem | 18/02/2020 | Introduction About The Company And Entrepreneurship Oppertunities In | 18 |

This Area Has Been
Given By The
Company.

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development |
|--|--|
| 4357.75 | 4844.77 |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|--|-------------------------|
| Classrooms with Wi-Fi OR LAN | Existing |
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | Newly Added |
| Value of the equipment purchased during the year (rs. in lakhs) | Newly Added |
| Classrooms with LCD facilities | Newly Added |
| Class rooms | Newly Added |
| Laboratories | Newly Added |
| Seminar Halls | Existing |
| Campus Area | Existing |
| Seminar halls with ICT facilities | Newly Added |
| Video Centre | Newly Added |
| No file uploaded. | |

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

| Name of the ILMS software | Nature of automation (fully or patially) | Version | Year of automation |
|---------------------------|--|--------------------|--------------------|
| Campes Ilib | Fully | 6.0.8 | 2015 |
| DVL MEDLIB | Fully | 2019 | 2019 |
| AutoLib | Fully | AutoLib-VB version | 2019 |
| Insproplus | Fully | 5.4 | 2009 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|----------------------|----------|----------|-------------|---------|--------|----------|
| Text Books | 168706 | 65058088 | 1209 | 2500668 | 169915 | 67558756 |
| Reference Books | 34512 | 13521936 | 168 | 603614 | 34680 | 14125550 |
| e-Books | 22966 | 382387 | 3657 | 131167 | 26623 | 513554 |
| e-Journals | 23157 | 4960244 | 3343 | 121200 | 26500 | 5081444 |

| | | | | | | |
|-----------------------|------|--------|----|-------|------|--------|
| Digital Database | 9 | 273516 | 0 | 0 | 9 | 273516 |
| CD & Video | 5455 | 375219 | 56 | 5400 | 5511 | 380619 |
| Library Automation | 4 | 782800 | 28 | 18750 | 32 | 801550 |
| Weeding (hard & soft) | 2833 | 671480 | 28 | 18750 | 2861 | 690230 |
| Others (specify) | 332 | 156991 | 49 | 54675 | 381 | 211666 |
| No file uploaded. | | | | | | |

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

| Name of the Teacher | Name of the Module | Platform on which module is developed | Date of launching e-content |
|---------------------------|---------------------|---------------------------------------|-----------------------------|
| Prabha Lakshmi S. | Crisis Intervention | Institutional LMS | 28/04/2020 |
| Sumathi M. | Values in Nursing | Institutional LMS | 11/05/2020 |
| Pavithra C. | Care of Dead Body | Institutional LMS | 15/05/2020 |
| Deepavathi D. | Parkinson Disease | Institutional LMS | 12/05/2020 |
| Vikram M. | CPR | Institutional LMS | 20/05/2020 |
| Kannan S. | Gynecomastia | Institutional LMS | 14/05/2020 |
| Sharmila R. | Mental State | Institutional LMS | 15/06/2020 |
| Rangalakshmi B. | Breast Cancer | Institutional LMS | 30/04/2020 |
| Arivazhagi A. | Blood Transfusion | Institutional LMS | 13/05/2020 |
| Elakkiya S. | Medical Legal Issue | Institutional LMS | 21/04/2020 |
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

| Type | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MBPS/GBPS) | Others |
|----------|-----------------|--------------|----------|------------------|------------------|--------|-------------|---------------------------------|--------|
| Existing | 2009 | 1078 | 2009 | 62 | 133 | 280 | 140 | 1000 | 138 |
| Added | 282 | 63 | 282 | 20 | 3 | 35 | 127 | 0 | 74 |
| Total | 2291 | 1141 | 2291 | 82 | 136 | 315 | 267 | 1000 | 212 |

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

| |
|-----------------|
| 1000 MBPS/ GBPS |
|-----------------|

4.3.3 – Facility for e-content

| | |
|--|---|
| Name of the e-content development facility | Provide the link of the videos and media centre and recording facility |
| Media Centre | https://vinayakamission.com/videos.php |

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurred on maintenance of physical facilities |
|--|--|--|--|
| 5112.65 | 5617.14 | 6442.83 | 7440.9 |

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities laboratory, library, sports complex, computers, classrooms etc. The University and its constituent colleges have maintenance and service department that oversees the maintenance of buildings, classrooms and laboratories. Laboratory : The equipment and machinery in the laboratory/workshop are maintained by the lab Incharge(s)/workshop InCharge(s) with the advice of HOD. SOPs are available for standard preventive maintenance. Library : Library in constituent colleges are partially automated with softwares like Insproplus and OPAC search facility. Pest control has been done in library regularly for maintain books safe from crickets and termites. Fire safety equipment also provided in the library block as per the government safety norms. Computers, Software's UPS: The computers are maintained in the University and its constituent colleges by dedicated information and Communication Technology (ICT)" team. This department provides the integrated IT services like upgradation and maintenance of college website, biometric services, troubleshooting of hardware, networking equipments including internet connectivity and procurement of hardware, software. Physical Education: The physical education department is facilitated by the physical directors to educate the students. With the help of house keeping staff , the play fields are made ready for the students, by marking the ground and providing the play kits. Adequate in house staffs are available for meticulously maintaining hygiene, cleanliness and infrastructure on all the constituent colleges and university to provide a congenial learning environment. Classrooms, Staffrooms, smart class rooms, Seminar halls and Laboratories, etc are cleaned and maintained regularly. Wash rooms and rest rooms are well maintained. Dustbins are placed in every floor. The Green Cover of the constituent colleges and university campus is well maintained by full time gardeners. The campus maintenance is monitored through surveillance Cameras. Some of the constituent colleges have implemented eticketing system for maintenance, which will reduce the paper usage and time and also for easy monitoring. Maintenance Engineer and his team are involved in the maintenance of infrastructure facilities. This team looks after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing and house keeping.

<http://www.vinayakamission.com/Reports-IQAC.php>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

| | Name/Title of the scheme | Number of students | Amount in Rupees |
|------------------------------------|------------------------------|--------------------|------------------|
| Financial Support from institution | FEE CONCESSION / SCHOLARSHIP | 1236 | 117630300 |
| Financial Support | | | |

| | | | |
|--------------------|------------------------------------|-----|----------|
| from Other Sources | | | |
| a) National | CENTRAL / STATE GOVERNMENTS / NGOs | 101 | 11949800 |
| b) International | - | 0 | 0 |
| No file uploaded. | | | |

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

| Name of the capability enhancement scheme | Date of implemetation | Number of students enrolled | Agencies involved |
|---|-----------------------|-----------------------------|--|
| Communication skills | 11/11/2019 | 100 | VMCPE |
| Communication skill personality development stress management | 30/09/2019 | 290 | School of allied health sciences, puducherry |
| Career awareness programme (industrial expectations) | 24/09/2019 | 88 | Future general life insurance, coimbatore |
| Career awareness programme (how to face the competitive examination?) | 09/09/2019 | 85 | Impact ias academy ,chennai |
| Bridge course | 12/06/2019 | 250 | Nataraj institute |
| Basic life support programme | 28/11/2019 | 61 | VIMS Hospital |
| Basic life support for pgs | 09/09/2019 | 74 | Meu/skills lab, avmch |
| Aerobics | 23/08/2019 | 86 | Vmmch, karaikkal |
| Advanced life support for CRRI | 11/02/2020 | 189 | Meu/skills lab, avmch |
| Communication skills | 10/03/2020 | 373 | SAHS, Salem |

[View File](#)

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

| Year | Name of the scheme | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passed in the comp. exam | Number of students placed |
|------|-------------------------|--|--|--|---------------------------|
| 2019 | Career Counselling | 867 | 1357 | 14 | 127 |
| 2020 | CANADIAN LICENSURE EXAM | 8 | 14 | 0 | 0 |

| | | | | | |
|-------------------|--|-----|-----|----|-----|
| 2020 | DHA | 38 | 43 | 0 | 0 |
| 2020 | GPAT | 19 | 210 | 1 | 141 |
| 2020 | Guidance for Competitive Exams | 12 | 12 | 4 | 12 |
| 2019 | Health Authority of Abu Dhabi | 41 | 45 | 0 | 0 |
| 2019 | PG-NEET coaching | 581 | 581 | 12 | 95 |
| 2019 | Placement & Training | 80 | 428 | 1 | 96 |
| 2019 | SPSTP-STUDENT PROGRESSION SUPPORT TRAINING PROGRAMME | 101 | 0 | 45 | 0 |
| No file uploaded. | | | | | |

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

| | | |
|---------------------------|--------------------------------|---|
| Total grievances received | Number of grievances redressed | Avg. number of days for grievance redressal |
| 16 | 16 | 10 |

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

| On campus | | | Off campus | | |
|-------------------------------|---------------------------------|---------------------------|-------------------------------|---------------------------------|---------------------------|
| Name of organizations visited | Number of students participated | Number of students placed | Name of organizations visited | Number of students participated | Number of students placed |
| Apollo Health care | 64 | 52 | AMAZON | 15 | 9 |
| View File | | | | | |

5.2.2 – Student progression to higher education in percentage during the year

| Year | Number of students enrolling into higher education | Programme graduated from | Department graduated from | Name of institution joined | Name of programme admitted to |
|------|--|--------------------------|---------------------------|--|-------------------------------|
| 2019 | 1 | B.Pharm | Pharmacy | Swamy Vivekanandha College of Pharmacy, Tiruchengode | M.Pharm (Pharmacy Practice) |
| 2019 | 2 | B.Pharm | Pharmacy | Sri Ramakrishna Institute of Paramedical Sciences, | M.Pharm (Pharmaceutics) |

| | | | | | |
|---------------------------|----|---------|----------|---|-----------------------------------|
| | | | | Coimbatore | |
| 2019 | 2 | B.Pharm | Pharmacy | Sri Ramachandra College of Pharmacy, Chennai | M.Pharm (Pharmaceutics) |
| 2019 | 3 | B.Pharm | Pharmacy | Vinayaka Mission's College of Pharmacy, Salem | M.Pharm (Pharmaceutical Analysis) |
| 2019 | 15 | B.Pharm | Pharmacy | Vinayaka Mission's College of Pharmacy, Salem | M.Pharm (Pharmaceutics) |
| 2019 | 10 | D.Pharm | Pharmacy | Vinayaka Mission's College of Pharmacy, Salem | B.Pharm |
| 2019 | 4 | B.Sc | Nursing | GKNM College of Nursing BOSCO College of Nursing M.Sc (N) | M.Sc (N) |
| 2019 | 7 | B.Pharm | Pharmacy | Vinayaka Mission's College of Pharmacy, Salem | M.Pharm (Pharmacology) |
| 2019 | 3 | B.Pharm | Pharmacy | Vinayaka Mission's College of Pharmacy, Salem | M.Pharm (Pharmacy Practice) |
| 2019 | 2 | B.Pharm | Pharmacy | JKK Natarajah College of Pharmacy, Komarapalayam | M.Pharm (Pharmaceutics) |
| View File | | | | | |

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

| Items | Number of students selected/ qualifying |
|-------------------|---|
| GATE | 1 |
| Civil Services | 1 |
| Any Other | 5 |
| No file uploaded. | |

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

| Activity | Level | Number of Participants |
|-------------------|------------------------|------------------------|
| Cultural | National/State | 15 |
| Cultural | Institution/University | 2690 |
| Sports | National | 1500 |
| Sports | Institution/University | 1771 |
| No file uploaded. | | |

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

| Year | Name of the award/medal | National/ International | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|------|---|-------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| 2019 | Discus Throw | National | 1 | 0 | 2411710080 | Sedhuraman A |
| 2019 | First Place in 65 kg Kumite category (6th NATIONAL OPEN KARATE CHAMPIONSHIP-2019) | National | 1 | 0 | 2911610067 | Praveenkumar M. |
| 2019 | Second Place in 65 kg Individual Kata category (2nd NATIONAL OPEN KARATE CHAMPIONSHIP-2019) | National | 1 | 0 | 2911610067 | Praveenkumar M. |
| 2019 | First Place in Above 45 kg Kata category (4th SHOTEN GOJU-RYU KARATE STATE CHAMPIONSHIP-2019) | National | 1 | 0 | 2911610067 | Praveenkumar M. |
| 2019 | Second | National | 1 | 0 | 2911610067 | Praveenkumar M. |

| | | | | | | |
|------|---|----------|----|---|------------|-----------------|
| | Place in 60 kg category (TISKO NATIONAL KARATE CHAMPIONSHIP) First Place in Above 45 kg Individual kata category (4th SHO | | | | | ar M. |
| 2019 | First Place in Above 45 kg Individual kata category (4th SHOTEN GOJU-RYU KARATE STATE CHAMPIONSHIP-2019) | National | 1 | 0 | 2911610067 | Praveenkumar M. |
| 2019 | Throw ball Runner | National | 12 | 0 | 1311510039 | Manju Rekha |
| 2019 | Tennicoit Runner | National | 12 | 0 | 1311510086 | Sukima |
| 2019 | Football winner | National | 7 | 0 | 2018021026 | Abu Bakar |
| 2019 | Second U2 Individual Kumite Male | National | 1 | 0 | 7211910203 | N.Harihran |

[View File](#)

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The student council is constituted in the beginning of every academic year in all the constituent colleges according to the norms of University. Students Council is proposed, so that students could spend their leisure time in healthy pursuits thereby can explore their hidden talents and potentialities and develop leadership qualities. It intends to involve students in various activities such as administrative, strategy making, cultural events, sports, NSS and management. It provides an opportunity for leadership development and organizational skills among the students. The goal of higher education is to bring an all round development of the student and transform them into socially responsible citizens. The council organises number of cultural, sports and extension activities to reach the society in need. These events provide opportunities for the students to showcase their abilities and groom themselves

in team building, group dynamics, leadership skills, independent thinking etc. Student council serves as a platform for the students to express their views, concerns and needs to the institutional authorities. Student council acts as a very good liaison between the institutional authorities and the students. The student council of every institution will have an executive committee comprising of President, Vice President, General Secretary, two Joint Secretaries and five Executive Committee Members. Student representations are there in academic and administrative bodies/committees like 1.Internal Quality Assurance Cell 2.Grievance Redressal Cell 3.Anti Ragging Cell 4.Internal Compliance Committee 5.Academic Committee 6.Anti Discrimination Cell 7.Hostel Committee 8.Mess Committee

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

1. VMKV Engineering College Alumni Association Salem - R.No:91/2018 dt:31.10.2018 2. Vinayaka Missions College of Physiotherapy Alumni Association Salem -R.No:104/2018 dt:29.11.2018 3. Vinayaka Missions Medical College Alumni Association R.No:464/2017 Dt: 02.11.2017 4. Aarupadai Veedu Institute of Technology Alumni Association R.No:125/2018 Dt: 12.11.2018 5. Alumni Association Vinayaka Missions Annapoorna College of Nursing Salem. R.No:92/2018 Dt:31.10.2018 6. VMKV Arts Science College Alumni Association, Salem R.No: 3269/2019Dt:20.05.2019 7. Alumni Association Vinayaka Missions College of Pharmacy Salem R.No: 213/2018 Dt: 12.11.2018. 8. Vinayaka Missions College of Nursing Alumni Association, Karaikkal, R.No:261/2018 Dt:09.10.2018 9. Vinayaka Missions Homeopathy Medical College and Hospital Old Students Association, R.No:1/2019 Dt:10.01.2019. 10. Vinayaka Missions Nursing Alumni Association ,Puducherry,R.No:236/2018 Dt 07.09.2018. 11. Vinayaka Missions Sankarachariyar Dental College Old Students Association,Salem R.No.89/2016 Dt 04.11.2016. 12. Alumni Association Vinayaka Missions Kirupananda Variyar Medical College Hospital Salem R.No: 103/2018 Dt: 29.11.18 13. Aarupadai Veedu Medical College Alumni Association, Puducherry, R. No. 235/2018 dated 07.09.2018

5.4.2 – No. of registered Alumni:

12441

5.4.3 – Alumni contribution during the year (in Rupees) :

1503980

5.4.4 – Meetings/activities organized by Alumni Association :

All the constituent colleges of Vinayaka Mission's Research Foundation have its own registered alumni association. The completed students are registered as the life member of the alumni association and tracked by the events of the association. Their mobile nos and email ids are registered in the association for further communication. The alumni meets are conducted annually and all the alumni are invited. During the alumni meeting they update their current position and place of work to the association and also to the other members. It is also helpful to both the other alumni and the institution for getting placement or other training programmes. All the alumni are connected through online by the social medias like whatsapp groups, facebook, LinkedIn etc. All the events of the institution are posted in college website as well as in the social medias. So the alumni are getting upto date information about the college and other events of the college. Regular Alumni lecture series is conducted by all the departments by both offline and online. The overseas alumni are invited to give webinars, so that the students got benefitted in the job opportunities in various countries.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. Formation of different statutory sub committees comprising representatives from all stakeholders of the college for coordinating important administrative activities of the college. All the institutions are constituted with various committees as per the norms suggested by UGC and NAAC guidelines. The details of committee members, rules and regulations of various committee has been uploaded in the university website. Each committee will meet at regular intervals and put forward their suggestions to be implemented. Grievance of various committee members will be discussed and addressed periodically. I. Academic committee II. Class Committee III. Mentor / Faculty advisor IV. Grievance Redressal Committee V. IQAC VI. Antiragging Committee and Anti Ragging Squad VII. Library Advisory Committee VIII. NSS Cell IX. Red Ribbon Club (RRC) X. National Cadet Corps (NCC) XI. Alumni Association XII. Training and Placement Cell XIII. Research Committee XIV. Sports Committee XV. Website Maintenance Committee XVI. Campus Maintenance Committee 2. The students of the university also are members for different committees at the university and its institutions which paves way for participative management. NAME OF THE COMMITTEE and NO. OF STUDENT MEMBERS CURRICULUM COMMITTEE-35 CLASS LEVEL COMMITTEE-166 ANTI-RAGGING COMMITTEE-65 DISCIPLINARY COMMITTEE-18 IQAC-42 STUDENTS GRIEVANCE REDRESSAL COMMITTEE-15 HOSTEL COMMITTEE-14 MHRD'S INSTITUTE INNOVATION COUNCIL-93 INSTITUTIONAL WEBSITE COMMITTEE-2 ENVIRONMENTAL COMMITTEE-15 SPORTS CULTURAL COMMITTEE-15

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

| Strategy Type | Details |
|----------------------------|---|
| Human Resource Management | Human resource is well maintained by keeping track of the vacancies and by identifying suitable candidates for the vacancy. Various faculty induction programs as envisaged by the statutory bodies are being conducted for the newly recruited faculty along with orientation, faculty development and training programs for both teaching non teaching faculty members for upgrading their skills in their respective fields using latest technology. Faculties are assigned responsibilities to organize curricular, co-curricular and extracurricular activities. The university has decided to have more number of PhD holders for faculty position. Hence the university has motivated all the non PhD staff members to register for PhD programme. |
| Examination and Evaluation | Some of the evaluation reforms and other parameters implemented are given |

below • The encrypted question papers are transmitted to the Examination centres, half an hour before the commencement of the examination. • The Examination centres are under CCTV surveillance at institution levels. • The Examination system is completely automated from the issue of hall tickets to the generation of degree certificates. • For the Engineering Technology, with the Outcome Based Education introduced from the year 2017-18 the question paper designs are tuned to meet the requirements of the measurements of Outcome. • For the Medicine UG Programme, Competency Based Medical Education (CBME) has been introduced from the year 2019-20 for the design of question papers as per the MCI regulations. • Credit transfer provision is available in the University through the Equivalency committee process. • Absolute grading system is being followed by the University for the programmes. • No provision yet for on demand examination. • Double valuation system followed for the MBBS and BDS programmes. For the PG programmes in different faculties double, triple or quadruple valuations are being done. • The evaluation system for the slow and/or fast learners are the same except that the time frames available for these learners are variable. Provisions as required for the Person with disability (PWD) is as per the National Disability Commission guidelines are provided in the University. • Initial steps taken to move towards digital evaluation systems. • Examination Malpractices/Lapses Enquiry committee is operational. • During the Covid-19 pandemic situation, other than the Health Sciences programmes, online examinations are being conducted for course work and Projects.

Curriculum Development

Curriculum is enriched by obtaining feedback from employers, alumni and other stakeholders and also keeping in mind the requirements of the various industries, abreast to latest technology and global needs which is analysed and based on the analysis, the concerned departments incorporate feedback along with inputs from faculty members and suggest changes to Board of

Studies which deliberates on the recommendations approves and forwards to academic council. Based on the academic council recommendation changes in curriculum incorporated with the approval of the Board of Management.

Industry Interaction / Collaboration

An extensive collaboration with industry/research institutes of national repute is in place. These collaborations help the university academically in the following ways: • Update knowledge and integrate applied knowledge for teaching • Resource sharing • Enable faculty in the University to work in a consortium on interdisciplinary concepts • Stimulate innovation • Enhance the quality of research Regular industrial visits bridge the gap between theoretical training and practical learning in a real life environment and help students to gain hands on experience of how industry operations are executed. The University also organizes workshops and training and awareness programmes where experts from industries are involved.

Admission of Students

National Level merit based admission process are adopted for Medicine, Dentistry, Homoeopathy and Architecture Courses based on NEET, AIAPGET, NATA etc., and merit based counseling conducted by the Competent Authority. Other Various Programmes (Diploma/UG/PG) admission processes are based on the qualifying Examinations and merit based counseling conducted by the University. For Ph.D Admission is made through an Entrance Test / Interview conducted at National Level by the university.

Teaching and Learning

Institutional Learning Management system is being used with integrated virtual classroom platforms for the benefit and convenience of students and staff. Implementation of student centric teaching learning program such as remedial and enrichment programs and Simulation lab enhance teaching and learning. Use of ICT tools, Use of NPTEL, NITTR Video Lectures, Activity Based Learning, apart from classroom interaction learning is initiated through guided teaching and guide library assignments, group discussion, seminars, debates, quiz, viva, etc.

Research and Development

Some of the steps taken to improve

Research and Development include -

- Formation and implementation of a Research Advisory Board along with a structured Research Promotion governance system at different institutions.
- The Seed money funded projects in larger numbers are operational.
- Promotion of research funding proposals submission to external funding agencies, which has resulted in large number of projects in pipe line for consideration.
- Incentive systems and awards announced.
- Appointment of full-time Research Associates.
- Increased spending on improvement of Research infrastructure.
- HR Policy modified to include Research as a major component in promotion policy and annual performance review system.

Library, ICT and Physical Infrastructure / Instrumentation

The central library of each institution is a repository of a vast number of learning resources including textbooks, reference books, national and international journals, digital resources, online journals, etc., all of which are enriched every year and software for tracking resource availability and an automated system for book/journal transactions. Additionally, there are departmental libraries to provide easy and quick access of resources to students There are adequate ICT facilities in the institution and well established policies for their deployment and maintenance. Wi-Fi facilities and broad band internet facilities in the premises of the college and hostel are provided thereby ensuring free access to current trends. Keeping pace with the rapid advancements in technology and to benefit the students, the colleges have provided ICT Tools in almost all the classrooms. Adequate number of Class rooms, seminar halls and conference halls with air conditioners and audiovisual facilities, videoconferencing facility are available. All the required Laboratories are equipped with latest equipments, instruments and infrastructure to cater to the academic needs of the students. All the computer labs are well equipped that fulfils the academic and research needs. CCTV cameras are installed in strategic locations in the campus of each

institution.

6.2.2 – Implementation of e-governance in areas of operations:

| E-governance area | Details |
|-------------------------------|---|
| Planning and Development | SMS system for dissemination of information including regular notice to all stakeholders. An internal Planning and development portal absorbs and holds data pertaining to the various activities of the bodies and committees of the university. |
| Administration | Online leave requisition system. Notice display system for students and other stakeholder. Installation of QR Scan information board in the university. |
| Finance and Accounts | Fully computerised office and accounts sections. Maintenance of the college and university accounts through Tally. Internal and External Audit system. |
| Student Admission and Support | Online query system, Online admission including online payment gateway. The total admission process including qualification check is done by an elaborate ERP solution. |
| Examination | Initiated online portal E-question paper for UG, PG student examinations. The whole evaluation process from continuous internal evaluation, attendance, time table, conduct of examination, result processing and issue of certificate are all governed by an ERP system. |

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

| Year | Name of Teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|------|-----------------|--|--|-------------------|
| 2020 | Mahalakshmi | 18Th Asia Pacific Medical Education Conference | NA | 100000 |
| 2019 | Revathy. S | Iaohns 2019 | NA | 2500 |
| 2020 | Muthuselvan S | Ict Academy Research Summit Bridge 2020 | NA | 2500 |
| 2019 | Leelavathy S | 5 Days Winter School Programme | NA | 2000 |
| 2019 | Jaichandran R | 5 Days Winter School | NA | 2000 |

| | | Programme | | |
|---------------------------|---------------------|---|----|-------|
| 2019 | Sita Devi Bharatula | 4Th International Conference On Ict For Sustainable Development | NA | 12500 |
| 2019 | Mahalakshmi | 17Th Asia Pacific Medical Education Conference | NA | 91327 |
| 2019 | Sajjan Prasanth | Who Palliative Care Training Program | NA | 75000 |
| 2019 | Sasmitamishra | Advanced Course Mci | NA | 17500 |
| 2019 | Umadevi | Advanced Course Mci | NA | 17500 |
| View File | | | | |

6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date | To Date | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|------|--|---|------------|------------|---|---|
| 2020 | A Bosch training programme on Auto Electrical Systems (Starting motor, Alternate battery, Vehicle air conditioning and Brake wheel Diagnosing) | NA | 05/02/2020 | 05/02/2020 | 15 | 0 |
| 2020 | Emerging Technologies | NA | 17/06/2020 | 17/06/2020 | 32 | 0 |
| 2020 | ENVIRONMENT AND MEDICAL DISEASES | NA | 24/06/2020 | 24/06/2020 | 108 | 0 |
| 2020 | Hand Hygiene in | NA | 25/06/2020 | 25/06/2020 | 81 | 0 |

| | Covid-19 ERA | | | | | |
|------|--|----|------------|------------|-----|---|
| 2020 | VMSDC Innovation cell : Startups-What How ? - Innovation minds | NA | 09/03/2020 | 09/03/2020 | 53 | 0 |
| 2020 | Surviving Covid with Creativity | NA | 30/09/2020 | 30/09/2020 | 166 | 0 |
| 2019 | " Basic Surgical skill and suturing Techniques" | NA | 14/08/2020 | 15/08/2020 | 20 | 0 |
| 2019 | " Pranayam: Techniques physiological basis and therapeutic Potential | NA | 22/07/2020 | 22/07/2020 | 37 | 0 |
| 2020 | Formulation and Appropriate Route of Drug Administration | NA | 09/05/2020 | 09/05/2020 | 31 | 0 |
| 2019 | 4th Scientific Internal Meet | NA | 14/11/2019 | 14/11/2019 | 29 | 0 |

[View File](#)

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

| Title of the professional development programme | Number of teachers who attended | From Date | To date | Duration |
|---|---------------------------------|------------|------------|----------|
| Short Term Training Programme on "Deep Learning and its Applications using TensorFlow and Keras" 1 20-7-2020 25-07-2020 6 | 1 | 20/07/2020 | 25/07/2020 | 6 |

| | | | | |
|--|----|------------|------------|----|
| Research Opportunities and Challenges in Manufacturing Sector | 2 | 01/06/2020 | 06/06/2020 | 6 |
| Research Methodologies, Tools and Techniques-FDP-National | 1 | 08/06/2020 | 12/06/2020 | 5 |
| Recent Trends in Mechanical Engineering | 1 | 13/06/2020 | 17/06/2020 | 5 |
| Methods for solving problems-online course | 1 | 01/07/2020 | 31/07/2020 | 30 |
| Faculty Development Programme on IPRs for Professional Innovators | 86 | 16/06/2020 | 20/06/2020 | 5 |
| 21st century teaching skills-Inter National FDP | 1 | 08/07/2020 | 10/07/2020 | 3 |
| Enterprise Resource Planning (ERP) | 1 | 05/06/2020 | 06/06/2020 | 2 |
| FDP on Rehabilitation and Retrofitting Structures - R2S | 1 | 04/06/2020 | 06/06/2020 | 3 |
| International Faculty Development Programme on GATEWAY TO INNOVATION | 1 | 22/06/2020 | 26/06/2020 | 5 |

[View File](#)

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

| Teaching | | Non-teaching | |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| 1329 | 1329 | 2383 | 2383 |

6.3.5 – Welfare schemes for

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

| | | |
|---|--|--|
| Contribution to provident fund Contribution towards medical insurance Maternity leave Medical leave Advance to meet emergency expenditure Medical centre Gratuity Personal accident insurance Registration fee, TA and DA for attending conferences, workshop..etc. | Uniforms for support staff Financial aid for the education of the ward of support staff Festival Bonus Contribution to ESI Fee concessions for children of administrative and support staff Medical centre facility Gratuity Personal accident insurance Salary advance. Registration fee, TA and DA for attending programs | Management Scholarship is given each year for the following categories: Sports scholarship Merit cum means scholarship Merit scholarship Special scholarship Financial support for: Student innovative projects Student competition Attending seminar and conferences Appreciation prizes for meritorious students Free accommodation and food in the hostel for the needy 24 hours medical support |
|---|--|--|

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Institution conducts internal and external financial audit regularly. Internal Audit by:S.Kiruba Co , Chennai. External Audit by: Prasad Selvam, Salem.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

| Name of the non government funding agencies /individuals | Funds/ Grnats received in Rs. | Purpose |
|--|-------------------------------|---|
| Salem Productivity Council and Others | 4449878 | Grants and Funds for various activities |
| No file uploaded. | | |

6.4.3 – Total corpus fund generated

75283479

6.5 – Internal Quality Assurance System

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

| Audit Type | External | | Internal | |
|----------------|----------|--|----------|-----------------|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | Yes | Global Quality TrainingAssessors Pvt.Ltd | Yes | University IQAC |
| Administrative | Yes | Global Quality TrainingAssessors Pvt.Ltd | Yes | University IQAC |

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Every constituent college is governed by a well defined organogram with the Head of the institution as the top executive of the campus. He or She is given full autonomy in terms of academic freedom and administrative powers for smooth running of the institution. Required financial independence and handling powers based on an Annual budget is provided for the respective institutions.

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

1. The association suggests ways to improve the effective implementation of Mentor Mentee system. 2. The Association is helpful in identifying and helping various industries for activities like placement, internship, visits etc. 3. The Association also acts as a bridge between the students and staff and to identify the difficulties faced in the Teaching Learning Process.

6.5.4 – Development programmes for support staff (at least three)

1. Training on best Administrative practices was organised for the support staff. 2. Hands on Training on the usage of latest ICT tools. 3. File Keeping and preparation of Administrative SOPs.

6.5.5 – Post Accreditation initiative(s) (mention at least three)

1. Regular and exhaustive filing mechanism introduced in all the constituent institutions. 2. Standard Operating Procedures developed, adopted and followed in most of the areas in all the constituent institutions. 3. A monthly reporting mechanism has been evolved and the same is received by the IQAC of the university from all the constituent institutions online.

6.5.6 – Internal Quality Assurance System Details

| | |
|--|-----|
| a) Submission of Data for AISHE portal | Yes |
| b) Participation in NIRF | Yes |
| c) ISO certification | Yes |
| d) NBA or any other quality audit | Yes |

6.5.7 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|------|---|-------------------------|---------------|-------------|------------------------|
| 2019 | Workshop on Sensitization of NAAC Health Sciences Manual | 15/06/2019 | 15/06/2019 | 15/06/2019 | 600 |
| 2019 | NAAC UNIVERSITY WORKSHOP | 28/06/2019 | 28/06/2019 | 28/06/2020 | 19 |
| 2019 | Sensitization Workshop on Preparation of NAAC Assessment and Re-accreditation | 16/08/2019 | 16/08/2019 | 16/08/2019 | 112 |
| 2019 | NAAC WORKSHOP | 17/09/2019 | 17/09/2019 | 17/09/2019 | 52 |
| 2019 | Workshop on Sensitization of NAAC Health Science manual | 18/09/2019 | 18/09/2019 | 18/09/2019 | 40 |

| | | | | | |
|---------------------------|--|------------|------------|------------|----|
| 2019 | Clinical Informatics Optimizing patient care in Nursing Practice | 20/09/2019 | 20/09/2019 | 20/09/2019 | 25 |
| 2019 | Self Reflection and ethics in everyday Practice | 15/10/2019 | 15/10/2019 | 15/10/2019 | 26 |
| 2019 | Outcome Based Curriculum in Nursing: A Quality Initiative | 18/10/2019 | 18/10/2019 | 18/10/2019 | 29 |
| 2019 | ISO 21001:2018 EOMS Awareness training | 04/12/2019 | 04/12/2019 | 04/12/2019 | 36 |
| 2019 | ISO 21001:2018 Internal Quality Audit | 10/12/2019 | 10/12/2019 | 10/12/2019 | 12 |
| View File | | | | | |

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

| Title of the programme | Period from | Period To | Number of Participants | |
|--|-------------|------------|------------------------|------|
| | | | Female | Male |
| Gender based violence | 01/05/2020 | 01/05/2020 | 32 | 106 |
| International Women's day celebrations | 08/03/2020 | 08/03/2020 | 325 | 1298 |
| Social Media Awareness | 03/02/2020 | 03/03/2020 | 22 | 28 |
| Gender sensitization Programme | 04/12/2019 | 04/12/2019 | 355 | 325 |
| Women's Rights | 24/09/2019 | 24/09/2019 | 45 | 149 |
| Cyber-crime Awareness Programme | 18/09/2019 | 18/09/2019 | 14 | 64 |
| Gender | 18/09/2019 | 18/09/2019 | 55 | 45 |

| | | | | |
|---|------------|------------|-----|----|
| Responsive Governance | | | | |
| Students Well Being | 18/09/2019 | 18/09/2019 | 120 | 88 |
| Gender Sensitization Programme | 05/09/2019 | 05/09/2019 | 48 | 52 |
| Planet 50-50 by 2030 Step it up for Gender Equity | 10/07/2019 | 10/07/2019 | 37 | 35 |

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

| |
|--|
| Percentage of power requirement of the University met by the renewable energy sources |
| <p>Approximately 30 of power requirement of our Institute met by the following renewable energy sources: 1. Solar energy water heater in all Hostels 2. Solar energy Steamer in Mess and canteen for cooking foods 3. 90 of Street lamps, and 50 of lights inside the building were replaced using LED lights. 4. Sensor based energy conservation for led lamps in corridors. Campus at Chennai have implemented sensor based Energy Management system in one of the corridor in Thiruvalluvar block. 5. The Institution Buildings are constructed in such a way to access to natural sun light and air circulation. 6. (5-Star) Air-conditioners with Invertor were used to consume less energy 7. Roof top Solar Power Plant PV : 234kw (5,61,900 kwh / annum)</p> |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|--|--------|-------------------------|
| Physical facilities | Yes | 12000 |
| Provision for lift | Yes | 25000 |
| Ramp/Rails | Yes | 5000 |
| Braille Software/facilities | Yes | 20 |
| Rest Rooms | Yes | 2000 |
| Scribes for examination | Yes | 10 |
| Special skill development for differently abled students | Yes | 50 |
| Any other similar facility | Yes | 50 |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date | Duration | Name of initiative | Issues addressed | Number of participating students and staff |
|------|--|--|------------|----------|-------------------------|------------------------|--|
| 2020 | 0 | 1 | 29/06/2020 | 1 | Awareness about hygiene | Unnat Bharat Abhiyan - | 14 |

| | | | | | | | |
|---------------------------|----|----|------------|---|---|--------------------------------------|------|
| | | | | | | Village adoption and development | |
| 2020 | 1 | 1 | 29/06/2020 | 1 | Arthritis Camp | Suffering of Patients with Arthritis | 21 |
| 2020 | 0 | 10 | 25/06/2020 | 1 | Distribution of Covid 19 some of cooking ingredients | Social awareness against Covid 19 | 12 |
| 2020 | 1 | 0 | 24/05/2020 | 1 | Awareness Prevention of Hypertension | Health Awareness | 7 |
| 2020 | 1 | 1 | 15/05/2020 | 1 | Covid 19 relief material | Health Awareness | 5 |
| 2020 | 13 | 13 | 23/04/2020 | 1 | NSS, COVID-19 | Health Awareness | 1019 |
| 2020 | 0 | 0 | 15/04/2020 | 1 | Distribution of Covid 19 Safety Equipments (free) | Social awareness against Covid 19 | 8 |
| 2020 | 0 | 1 | 13/04/2020 | 1 | Health Education | World Hypertension Day Celebration | 5 |
| 2020 | 1 | 0 | 11/04/2020 | 1 | Safe motherhood day-Health awareness programme, Essay writing, Poem writing and drawing competition | Health Awareness | 25 |
| 2020 | 1 | 0 | 09/04/2020 | 1 | Awareness Prevention | Health Awareness | 5 |
| View File | | | | | | | |

| Title | Date of publication | Follow up(max 100 words) |
|--|---------------------|--|
| Code of conduct for students | 20/08/2019 | All the students were briefed during the orientation programme.. |
| Code of conduct for Teaching Faculty | 20/08/2019 | The code of conduct was published and the hand book was circulated to all the faculty members and it was updated in the HR policy of the university. The faculty members were directed to adhere strictly to the policy. |
| Code of conduct for Non Teaching staff | 20/08/2019 | The code of conduct was published and the hand book was circulated to all the staff members and it was updated in the HR policy of the university. The staff members were directed to adhere strictly to the policy. |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|--|---------------|-------------|------------------------|
| Code Of Conduct In Nursing Profession | 25/05/2020 | 25/05/2020 | 100 |
| World Earth Day | 22/04/2020 | 22/04/2020 | 24 |
| Newly Recruited Staffs - Induction Orientation Programme On Ethics Professionalism | 01/04/2020 | 01/04/2020 | 18 |
| Glucoma Awareness Rally | 13/03/2020 | 13/03/2020 | 11 |
| Covid Awareness Special Talk | 12/03/2020 | 12/03/2020 | 93 |
| World Cancer Day | 29/02/2020 | 29/02/2020 | 111 |
| Cancer Awareness Programme, Sahs Campus, Kirumampakkam | 04/02/2020 | 04/02/2020 | 230 |
| National Cleanliness Day | 30/01/2020 | 30/01/2020 | 85 |
| World Leprosy Eradication Day | 30/01/2020 | 30/01/2020 | 88 |
| Road Safety Awareness Rally | 28/01/2020 | 28/01/2020 | 48 |

[View File](#)

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Solar panels are used for electricity generation and for heating water in the hostels at four campuses. The installed capacity of solar power in the Chennai, Karaikal and Salem campuses are 234.2 kW. 2. The 226 kW solar power plant is connected to the grid which reduces the battery usage in the campus and also reduces the carbon emission. 3. 70 of the bulbs were replaced by LED to reduce the power demand and heating of the environment. 4. The four campuses have Sewage Treatment Plants (STP) with a total capacity of 6 lakh liters State-of-art technology used with sand /charcoal and UV filter and Effective microorganism (EM). 5. Solid waste is collected using different types of bins earmarked for plastic waste, bio waste, Sanitary napkin waste and paper waste. 6. All the campuses are banned for plastic use and declared as plastic free campuses. 7. The four campuses have more than 120 different varieties of common trees and wide variety of birds. 8. The Karaikal campus is maintaining a large water body inside the campus to make the campus eco-friendly which also maintains the ground water in a very good condition. 9. All the four campuses are regularly conducting tree plantation drives. Last year the colleges have participated in the MHRD's one student one tree campaign and more than 1700 trees were planted. 10. The Medical colleges at Salem, Puducherry and Karaikal have Bio-Medical Waste disposable Management.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE - 1 - MULTIDISCIPLINARY INTEGRATED TEACHING Title of the Practice: MULTIDISCIPLINARY INTEGRATED TEACHING OBJECTIVES: 1. To inculcate the advanced medical knowledge and outcome for patient care. 2. To enhance the elaborative knowledge of the topic to the students. 3. This practice is to develop a concept of proper treatment to the patient. THE CONTEXT: It helps to diagnose and to provide better treatment to patients and also improves quality of students learning. It is a motivating programme for the advanced learners to gain more knowledge. PRACTICE: Faculty from various departments together discussed about topic that are related to those disease in the community. Resource persons were selected. Evaluation of programme was done by pre and post test. Findings through evaluation helped to modify and improve the programme. Both horizontal and vertical integration have shown improved knowledge among the students and better results in the university examination. EVIDENCE OF SUCCESS: The learning outcomes that can be achieved by this type of practice depends on the number of disciplines involved in it and kind of knowledge that needs to be addressed. In this study delivered, students were asked to work on an assignment which allowed them to practice their skills in one unified work. An example in the assignment involved in assessment of various live and virtual cases pertaining to the disease in study and comparing them with the available results. Figures that illustrate the design case study are given to students with some hints on how and where to search for further information. Two surveys were conducted before and after each assignment to get feedback on students' satisfaction from both student cohorts. The impact of having this type of interdisciplinary work on students' learning process was identified. The following learning outcomes were achieved by integrating a computer programming methodology in a real-life mathematics problem: • Apply self-teaching: This is achieved by guiding the students to the source of information they need to investigate and understand principles. • Develop practical skills: Learn how to apply the theoretical skills on actual cases and use an appropriate therapeutic regimen. • Introduce problem-solving skills: This is achieved by analysing the assignment problem and comparing the results. • Connect academics: Improve the interaction and collaboration between the academics of different disciplines to share their thoughts on how to make the students' learning process more exciting. PROBLEMS ENCOUNTERED AND RESOURCES

REQUIRED: The co-relation of the problem with the specific discipline and available case was certainly a challenge. Certain laboratory tests and diagnostic tools are required to assess the severity of the disease and its spread. Stated SOPs could solve the problems encountered. BEST PRACTICE -2 - EVIDENCE BASED PRACTICE TITLE OF THE PRACTICE: EVIDENCE BASED PRACTICE AND RESEARCH UTILIZATION IN THE CLINICAL AREAS OBJECTIVES: • To provide evidence based data to deliver quality care based on best research • To resolve problems in clinical settings while practicing • To achieve excellence in clinical setting • To close gap between research and practice THE CONTEXT: Evidence based practice become a care requirement of contemporary nursing practice. Nursing has always used research to support the nursing practice. This is called research utilization. THE PRACTICE: The faculty and students use the five step process in their every day practice in the hospital Formulate a clinical question by identifying by identifying priority Gathering best evidence to answer the questions Select best option Implement a appropriate intervention Evaluate of practice change and outcome of intervention EVIDENCE OF SUCCESS: The quality of nursing care is improved, health status of patient is improved as well as the use of evidences increased the faculty and student confidence skills, critical thinking and decision making. PROBLEM ENCOUNTERED: Sometimes in clinical settings it is difficult to find time to access research expertise that are needed to search and analyze the evidence to find answers to their clinical questions.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.vinayakamission.com/Reports-IOAC.php>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Vinayaka Mission was established in 1982 and the University was setup in 2001, with the vision to achieve excellence in education as a tool for social change for the betterment of society. Over these years, the university has grown from strength to strength to make its mark in the national and global landscape. Vinayaka Mission's Research Foundation (Deemed to be University) is a model worth emulating for any knowledge hub set in a distinctive environment offering 125 programmes which includes UG, PG and PhD Programmes ranging from Engineering Technology and Arts to Medicine and Dentistry. 13 constituent colleges, and 7 schools in 4 campuses of the Deemed to be University in Salem, Puducherry, Chennai Karaikal located strategically in the rural areas provide extensive service to the people of the region in terms of educational needs, medical care and community services. Over 12,000 students from all over the country and also from other parts of the globe are studying various programmes from UG to Ph.D under the guidance of about 1,300 faculty members. Three medical college hospitals of the university have provided free medical care to 6.25 crore patients and conducted surgeries to 5.25 lakh patients over the years most of these patients are poor and from a rural background. VMRF-DU has adopted 35 villages under Unnat Bharat Abhiyan scheme. Free health care services are provided through Rural and Urban health centers including tele-medicine facilities. The constituent Medical and Dental colleges of the University have conducted around 510 camps benefitting lakhs of poor and downtrodden people in various villages of Tamilnadu and Pondicherry during the current year. Around 400 Doctors and 1500 other health care professionals graduate from the Vinayaka Mission's every year and are serving to attain a healthy society. The university has adopted fisherman villages to provide basic facilities and free education to the downtrodden people. The University has contributed Rs. 3.2 Crores to the pregnant women, poor mothers, pediatrics and

geriatric poor patients under the Annapoorani Scheme in this year 2019-20. Utmost priority has been given to the research in the faculties of engineering, dentistry, medicine, pharmacy, nursing and physiotherapy on various thrust areas. The faculty members are encouraged to get more funds from the various agencies and they got 1.1 crore during this academic year. The faculty members research on thrust areas were proved by their publications in the reputed national and international journals.

Provide the weblink of the institution

<https://vinayakamission.com/Vision-mission.php>

8.Future Plans of Actions for Next Academic Year

The University has constituted the strategic planning committee as well as e-governance committee. Minimum of Rs.600 Lakhs annual internal funding for the next 5 years. The management intends to increase this funding based on research progression and development. Enhance facilities in the existing 25 research Labs. Establish two Centers of Excellence especially in Health Care and Multidisciplinary space. Establish an exclusive Human Resource Professional Development Center. Establish clinical trial units in the three medical colleges to promote clinical trials at all phases.