

Annual Quality Assurance Report (AQAR)
(July 1, 2020 to June 30, 2021)

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution Manipal College of Nursing Manipal

- Name of the Head of the Institution: Dr. Anice George
- Designation: Professor & Dean
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no.: 0820-2922443
- Mobile no.: 9632094766
- Registered e-mail: anice.george@manipal.edu
- Alternate e-mail : office.con@manipal.edu
- Address : Manipal Academy of Higher Education (MAHE), Madhav Nagar, Manipal
- City/Town : Manipal, Udupi Dist.
- State/UT : Karnataka
- Pin Code : 576104

2. Institutional status:

- Affiliated / Constituent: Constituent Unit of MAHE Manipal
- Type of Institution: Co-education/Men/Women: Co-education
- Location : Rural/Semi-urban/Urban: Urban

- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing (please specify):
- Name of the Affiliating University: Manipal Academy of Higher Education (MAHE)
- Name of the IQAC Co-ordinator : Dr. Baby S Nayak
- Phone no. : 0820-2923129
- Alternate phone no. 0820-2922443
- Mobile: 9448174791
- IQAC e-mail address: iqac.mcon@manipal.edu
- Alternate Email address: office.con@manipal.edu

3. Website address: www.manipal.edu

Web-link of the AQAR: (Previous Academic Year): 2019-20

<https://manipal.edu/content/dam/manipal/mu/mcon/Images/document/AQAR%202019-20.pdf>

4. Whether Academic Calendar prepared during the year?

Yes/No.

Yes. if yes, whether it is uploaded in the Institutional website: **No**

Weblink:

5. Accreditation Details: (Accreditation and scores are for MAHE and Manipal College of Nursing Manipal is a constituent unit of MAHE, Manipal)

Cycle	Grade	CGPA	Year of Accreditation	Validity Period (5 years)
1 st	B+	--	2002	from:01/10/2002 to:30/09/2007
2 nd	A	3.30	2016	from:11/07/2016 to:10/07/2021

6. Date of Establishment of IQAC: DD/MM/YYYY: 16/02/2016

7. Internal Quality Assurance System

7.1 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
Academic Audit	03/08/2021 9.15 am to 4.00 pm	48 (faculty) 11 (Non-teaching staff)
Internal Audit	06.01.2021 9.15 am to 4.30 pm	43 (faculty) 09 (Non-teaching staff)
Internal Audit	12.07.2021 9.15 am to 4.00 pm	45 (faculty) 10 (Non-teaching staff)
	13.07.2010 9.30 am to 4.00pm	45 (faculty) 08 (Non-teaching staff)
	14.07.2010 9.30 am to 10.30am	43 (faculty) 10 (Non-teaching staff)
The IQAC cell & CNE committee of Manipal College of Nursing MAHE, Manipal organized a CNE session to the faculty of MCON & MSON on “Identification and remedial measures for slow and advanced learners” through Microsoft Teams.	07/11/2020	46 (faculty)

Note: Some Quality Assurance initiatives of the institution are:

(Indicative list)

- *Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements.*
- *Academic Administrative Audit (AAA) conducted and its follow up actions taken.*
- *ISO Certification.*
- *Any other Quality Audit.*
- *Monthly CNE session based on quality enhancement topics.*

8. Provide the list of funds 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
Nil				

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: **Yes**

*upload latest notification of formation of IQAC

10. No. of IQAC meetings held during the year: 02

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

Yes/No - **No** (Minutes of IQAC available in the college)

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes/ No - **No**

If yes, mention the amount: Year:

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

- Maintaining the quality of curricular activities,
- Conducting regular academic audit
- Quality related workshop/seminar- Identification and remedial measures for slow and advanced Learners on 07.11.2021, Identifying best practices in nursing institutions on 23.01.2021, Techniques of effective online learner engagement on 03.04.2021, Leadership and good governance in higher education institutions on 22.05.2021, Institutional Risk Assessment on 05.06.2021.

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

Plan of Action	Achievements/Outcomes
<p>The objectives of the year 2020-21 were discussed at the faculty meeting, and the targets for the year have been set. All the objectives have been set in line with IoE objectives of MAHE, Manipal under four Pillars as follows:</p> <p>Pillar 1: Excellence in Education</p> <p>Pillar 2: Exemplary Research and Innovation</p> <p>Pillar 3: Expanding Reach and Internationalization</p> <p>Pillar 4: Effective Engagement and Alumni Relation</p>	<p>The objectives were communicated to the faculty and target was set for each faculty members as well as the department.</p> <p>The achievements of each pillar is discussed during IQAC meetings.</p>

14. Whether the AQAR was placed before statutory body? Yes /No: **No**

Name of the Statutory body: Date of meeting(s):

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

Yes/No

NAAC: **No**

Date:

Any other accredited body: ISO Certification: **Surveillance Audit by M/S TUV Rhineland**
Date: **22.02.2021**

16. Whether institutional data submitted to AISHE: Yes/No: **No**

Year:

Date of Submission:

17. Does the Institution have Management Information System?

Yes/No

Yes

If yes, give a brief description and a list of modules currently operational.

(Maximum 500 words)

Manipal college of Nursing, MAHE utilizes Management Information System services in the areas related to Students and faculty. The Student information system (SIS) consists of the details of the students' right from admission process until the students graduate. These include student qualifications, attendance, examination scores, achievements and participation of student in various activities organized by the college and the university. Management information system for faculty consists of employee details, leave details, salary details, and all other services provided to the staff. Faculty and student feedback also are obtained through online mode.

From the academic year 2021-22 will move from SIS to SLCM (Student Life Cycle Management)- SLCM consists of information related to the student from admission to graduation. The documents related to admission process, implementation of curriculum including time table, data related to the leave of absence and extracurricular activities, will be available at the portal. This portal makes the students' life easier as they access the curriculum implementation plan from the software on their smartphones.

Part-B

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Manipal College of Nursing has two undergraduate courses; Basic BSc Nursing which is four years program with an yearly enrolment of 100 students and Post Basic B.Sc (P.B.B.Sc) Nursing of two years duration with an yearly intake of 50 students. Post graduate programs are of two years duration; i.e., MSc nursing with yearly intake 40 students and Nurse Practitioner in Critical Care Post Graduate Residency Program with yearly intake of 20 students. There are also post basic diploma courses and MPhil nursing programs. For PhD Nursing programs MCON follow MAHE guidelines. For all the programs, the syllabus is obtained from the Indian Nursing Council except for MPhil nursing and PhD. Curriculum revisions are done at the college level by the curriculum committee and approval is sought from Board of Studies and Academic Council of the MAHE. For the implementation of the curriculum, Academic Master plan is prepared by June every year. Class coordinator prepares the academic plan for the class by July. Subject Coordinator prepares the plans for each subject (clinical and theory) prior to commencement of academic year. For evaluating the students, both formative and summative evaluation methods are used. Summative evaluation is by university examination; both theory and practical. Formative evaluation is done by sessional examinations and assignments. Every week departmental clinical meetings are conducted and once a month department meetings are conducted. During this time progress of teaching and learning is discussed. Any deviation from regular planned activity is rectified. Monthly meeting of HoD's with Dean (Core committee) is also conducted where the progress of each of the batches as well as issues related to implementation of curriculum are discussed. Every month faculty meeting is held during which the progress and evaluation of the students are presented by the class coordinator. Feedback given by the students is communicated to the faculty during these meetings and need for improvement is emphasized.

1.1.2 Certificate/ Diploma Courses introduced during the Academic year

Name of the Certificate Course (Short term certificate course)	Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurship	Skill development
Nil				

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

Programme with Code	Date of Introduction	Course with Code (Short term certificate course)	Date of Introduction
Nil			

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.

Name of Programmes adopting CBCS/ Elective Course System	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
2 nd year M.Sc Nursing • Critical Care Nursing • Neurosciences Nursing	-	PG	03.08.2020	-	PG
1st year M.Phil Nursing Theoretical Frame –Work in Nursing Designing Nursing Curriculum	-	PG	16.09.2020	-	PG
Already adopted (mention the year)					

1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year				
No of Students	Certificate (short term)	Diploma Courses		
Nil	-	-		
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 (Date of classes)		
Online courses Through Coursera	Academic year 2017 - 2018	438 (All the students enrolled in the academic year have taken up atleast one course through coursera)		
1.3.2 Field Projects / Internships under taken during the year				
Project/Programme Title		No. of students enrolled for Field Projects / Internships		
Under Graduate				
B.Sc. Nursing		96 (2 nd year B.Sc Nursing) 99 (3 rd year B.Sc Nursing) 97 (4 th year B.Sc Nursing)		
P.B B.Sc. Nursing		17 (2 nd year P.B.B.Sc Nursing)		
Post Graduate				
M.Sc. (Medical Surgical Nursing)		09 (1 st year M.Sc Nursing) 08 (2 nd year M.Sc Nursing)		
M.Sc. (Psychiatric [Mental Health] Nursing)		03 (1 st year M.Sc Nursing) 01 (2 nd year M.Sc Nursing)		
M.Sc. (Child Health [Paediatric] Nursing)		03 (1 st year M.Sc Nursing)		
M.Sc. (Obstetrics & Gynaecology Nursing)		03 (1 st year M.Sc Nursing) 01 (2 nd year M.Sc Nursing)		
1.4 Feedback System				
1.4.1 Whether structured feedback received from all the stakeholders.				
1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes/ No Yes	Yes/ No Yes	Yes/ No Yes	Yes/ No Yes	Yes/ No Yes
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)				
360° feedback is obtained yearly (students/teachers/employers/alumni/parents) through online and using feedback forms. Feedback helps to make action plan for improvement in academic and co-curricular activity in building up personality development of the students and also to maintain quality standards of the institute. Feedbacks help to modify the approaches to teaching learning for enhanced outcomes.				

CRITERION II -TEACHING-LEARNING AND EVALUATION						
2.1 Student Enrolment and Profile						
2.1. 1 Demand Ratio during the year						
Name of the Programme		Number of seats available	Number of applications received	Students Enrolled		
B.Sc Nursing		97(General) +3 (F/NRI)	661 (General) + 11 (F/NRI)	97 (General) + 3 (F/NRI)		
P.B.B.Sc Nursing		50	35	18		
M.Sc Nursing in						
• Medical Surgical Nursing		12	63	09		
• Psychiatric(Mental) Health Nursing		08		03		
• Child Health (Paediatric)Nursing		08		03		
• OBG Nursing		08		03		
• Community Health Nursing		04		00		
Post Basic Diploma in Nursing						
• Critical Care Nursing		10 per speciality	05	00		
• Cardio Thoracic Nursing						
• Neuro Science Nursing						
• Neonatal Nursing						
Nurse Practitioner In Critical Care Post Graduate Residency Program		20	14	04		
M.Phil Nursing		10	22	04		
Ph.D in Nursing		Admission done as per the availability of the guides.		04		
2.2 Catering to Student Diversity						
2.2.1. Student - Full time teacher ratio (current year data)- as on 30.06.2021- 10:1						
Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses	
2020-21	427	61	07	08	35	

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
50 (as on 30.06.2021)	50	<ul style="list-style-type: none"> LCD Projectors, Computers, Laptops, OHPs, Hand Mic, Collar Mic Imapartus classroom 	07	01	<ul style="list-style-type: none"> Remote access to PG students and faculty. Online library resources available to all the students and faculty.
2.3.2 Students' mentoring system available in the institution? Give details. (maximum 500 words)					
<ul style="list-style-type: none"> Teacher Guardian for 1st year B.Sc (N) students (1 Teacher Guardian for 12-13 students). Faculty mentors for senior students (2nd, 3rd and 4th year B. Sc. Nursing students) – 1 faculty mentor for 10-13 students). Class Coordinator and co-coordinator for monitoring the day to day curricular activities of the class. Subject coordinator for coordinating each course/subject. Clinical supervisors in each of the clinical area where students are posted Counselling is provided for the students with poor academic performance in sessional exams, university examination and with attendance shortage. Counselling support for the personal and personality problems faced by the students by the counselling centre of MAHE, and the counselling qualified faculty members of MCON. Student grievance cell at the institutional level. 					
Number of students enrolled in the institution		Number of fulltime teachers		Mentor: Mentee Ratio	
488		50 (as on 30.06.2021)		1:12	
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 (As on 30.06.2021)	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D	
58	50 *	02	01	26	
*As on the students roll strength is lesser than the sanctioned number of seats for each course '6' faculty positions (1 per department) is kept vacant.					

2.4.2 Honours and recognitions 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
2021	Dr. Yashoda S.	Assistant professor	Poster competition -Second prize International women's day organized by OBG department MCON,MAHE
2021	Mrs Savitha	Asst. Professor	Award for 10 years of service at MCON
2021	Dr Judith A Noronha	Professor & Associate Dean	Award for maximum number of publications
2021	Dr. Elsa Sanatombi Devi	Professor	Received FAIMER Fellow of the International FAIMER institute of (IFI) Philadelphia 2021.

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
B.Sc Nursing	00501	1 st	14/07/2021	23/07/2021
		2 nd	29/06/2021	15/07/2021
		3 rd	29/06/2021	06/07/2021
		4 th	03/08/2021	11/08/2021

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
Post Basic BSc Nursing	00519	1 st	14/07/2021	28/07/2021
		2 nd	04/08/2021	19/08/2021
Post Basic Diploma in Cardio Thoracic Nursing	00509	1 st	Did not have students for the academic year	Did not have students for the academic year
Post Basic Diploma in Critical Care Nursing	00510	1 st		
Post Basic Diploma in Neonatal Nursing	00513	1 st		
Post Basic Diploma in Neuro Science Nursing	00514	1 st		
M.Sc. Medical Surgical Nursing	00503	1 st	31/07/2021	23/08/2021
		2 nd	09/08/2021	14/08/2021
M.Sc. Psychiatric(Mental Health) Nursing	00504	1 st	31/07/2021	23/08/2021
		2 nd	09/08/2021	14/08/2021
M.Sc. Child Health (Paediatric)Nursing	00505	1 st	31/07/2021	23/08/2021
		2 nd	Did not have students for the academic year-	Did not have students for the academic year-
M.Sc. Obstetric and Gynaecological Nursing	00506	1 st	31/07/2021	23/08/2021
		2 nd	09/08/2021	14/08/2021
M.Sc. Community Health Nursing	00507	1 st	Did not have students for the academic year	Did not have students for the academic year
		2 nd	Did not have students for the academic year	Did not have students for the academic year
M.Phil Nursing	00508	1 st	25/09/2021	01/10/2021
		2 nd	08/07/2021	15/07/2021
Nurse Practitioner in Critical Care Post Graduate Residency Program	00520	1 st	26/08/2021	14/09/2021
		2 nd	04/08/2021	11/08/2021

* Considering the Covid 19 Pandemic end evaluation is done following Indian Nursing Council guidelines.

2.5.2 Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

For the Continuous Internal Evaluation (CIE) system at the institutional level the college conducts two sessional examination annually, a written assignment and an online Coursera for all the courses. The

weightage for the sessional examination is 10 marks each and the assignment carries weightage of 3 and Coursera carries 2 marks. Besides this the students are also given unit test at the classroom by the respective subject teachers at the completion of the unit. Periodically they are also evaluated with objective type questions during classes.

The students must secure 50% of the IA marks to be eligible for the university examination. Students must satisfy the eligibility criteria of 80% attendance before the university examination.

Progress report including the sessional examination marks and attendance percentage are sent periodically to the parents and they are asked to acknowledge the receipt of the progress report.

Result analysis following university examination and supplementary examination is done. Performance of the students is monitored.

Feedback is also obtained from the external examiner (Practical) regarding the students' performance in practical examination.

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The academic team comprising of class coordinators, subject coordinators of undergraduate and postgraduate courses discuss on the placement of theory block, clinical block, sessional examination, university examination, annual vacation, common dates for student activities under the guidance of Dean and Associate Dean of the institution. Based on the discussions, class wise master plan is prepared and circulated for any modifications/ suggestions. Once the master plans are finalized by all the programs, compiled academic master plan is prepared before the commencement of the new academic year and is strictly adhered by the faculty and students.

Sessional Examinations

The 1st and 2nd sessional examination compiled time table is prepared for UG and PG courses based on the Academic Maser Plan. The time table is sent to e-pad team for their planning of devices. The 1st sessional and 2nd sessional examination are conducted in the month of November and April respectively. For first year students first sessional exam was conducted in January. Due to the pandemic, the 2nd sessional exam was conducted online through MS teams for all the batches. The repeat exam is planned within a week of each sessional exam for students who were absent due to genuine reasons. The results of the sessional examination is enabled for students to view (e-cloud system) within 15 days after the sessional examination. Students and parents also can view their marks through SIS (Student Information System) portal.

University Examinations

As per the intimation from the Registrar Evaluation, Dean, HoDs, Exam coordinator, Class Coordinators and Subject Coordinators decide the tentative dates for university examinations in the month of March every year and detailed plan is sent to Registrar Evaluation for approval. The students' details for the exam is sent to e-pad team for preparation for the exam. The Internal Assessment marks of the students are sent to Registrar Evaluation 15 days before the commencement of examinations. Hall ticket is issued to the students two days before the commencement of exams. The result of students is announced within 15 days after the last paper evaluation of the exams. Supplementary examinations will be planned within six weeks after the announcement of university examination results. Due to the pandemic, onsite examination was conducted only to the final year students whereas for other batches online end of the year exam was conducted.

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 web link)

Program outcomes, program specific outcomes and course outcomes for all the undergraduate program (B.Sc Nursing, P.B.B.Sc Nursing) offered by the college are available.

<https://manipal.edu/mcon-manipal/program-list/bsc.html>

<https://manipal.edu/mcon-manipal/program-list/post-basic-bsc.html>

2.6.2 Pass percentage of students (July 2021 University Examinations)

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
00501	B.Sc Nursing	97	94	96.91%
00519	Post Basic BSc Nursing	17	16	94.12%
00503	M.Sc. Medical Surgical Nursing	08	07	87.50%
00504	M.Sc. Psychiatric(Mental Health) Nursing	02	02	100%
00505	M.Sc. Child Health (Paediatric) Nursing	-	-	-
00506	M.Sc. Obstetric and Gynaecological Nursing	01	01	100%
00507	M.Sc. Community Health Nursing	-	-	-
00508	M. Phil Nursing	08	08	100%
00520	Nurse Practitioner in Critical Care Post Graduate Residency Program	03	02	66.67%

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 web link)

The feedback from the students obtained annually, is analysed and the relevant suggestions are discussed in the faculty meeting and implemented. However, the results and details are not uploaded in the website.

<http://muportal.mahe.manipal.net/sfdfacultyfeedback/login.aspx>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION**3.1 Resource Mobilization for Research**

3.1.1 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 Academic year
Major projects	36	Indian Council of Medical Research (ICMR), New Delhi	73,20,075.00	24,40,025.00
	36	Department of Science and Technology, Government of India, New Delhi	31,93,608.00	10,64,536.00
	36	Indian Council of Medical Research (ICMR), New Delhi	30,65,547.00	10,32,973.00
Minor Projects	36	Indian Council of Medical Research (ICMR), New Delhi	5,56,213.00	5,56,213.00
	36	Indian Council of Medical Research (ICMR), New Delhi	8,96,245.0	8,96,245.00
	36	Indian Council of Medical Research (ICMR), New Delhi	5,47,658.00	5,47,658.00
Interdisciplinary Projects	-	-	-	-
Industry sponsored Projects	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students Research Projects (<i>other than compulsory by the College</i>)	-	-	-	-
International Projects	-	-	-	-
Any other(Specify)	-	-	-	-
Total	06	-	15,579,346.00	6,537,650.00

3.2 Innovation Ecosystem				
3.2.1 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(s)
CNE on Capacity Building for nurses during COVID-19 as part of International Year for The Nurse and The Midwives 2020.		Department of Psychiatric/ Mental Health Nursing, MCON, MAHE		14/09/2020
Tele-simulation series on MS teams platform		Pillar-3 Expanding Reach and Internationalization -Manipal College of Nursing Manipal		12/10/2020
Virtual ACLS				13/10/2020
TruVent Mechanical Ventilation-				14/10/2020
Innovative wound techniques				15/10/2020
Arrhythmia interpretation during ACLS				16/10/2020
Endotracheal Intubation techniques				17/10/2020
Virtual autopsy				19/10/2020
Autopsy techniques				20/10/2020
Emergency drugs used during ACLS				21/10/2020
Imaging techniques and interpretation				22/10/2020
Post resuscitation psychosocial management-				
Webinar on “Evidence Based Practice in Nursing” as part of International year of the Nurse and Midwife.		Child Health Nursing		29/10/2020 to 31/10/2020
Curriculum Convention 2020 on Simulation-Based Competency Assessment.		Manipal College of Nursing Manipal		19/12/2020
Webinar on Challenge the Challenges of Midlife Crisis		Department of OBG Nursing MCON, MAHE Manipal		08/03/2021
3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year				
Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Nil	Nil	Nil	Nil	Nil
3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year				
Incubation Centre	Name		Sponsored by	
Nil	Nil		Nil	
Name of the Start-up	Nature of Start-up		Date of commencement	
Nil	Nil		Nil	

3.3 Research Publications and Awards						
3.3.1 Incentive to the teachers who receive recognition/awards						
State		National		International		
Nil						
3.3.2 Ph. Ds awarded during the year (<i>applicable for PG College, Research Center</i>)						
Name of the Department			No. of Ph. Ds Awarded			
Manipal College of Nursing Manipal, MAHE			06			
3.3.3 Research Publications in the Journals notified on UGC website during the year						
Sl. No	Department		No. of Publication		Average Impact Factor, if any	
1.	Fundamentals of Nursing		05		1.8	
2.	Medical Surgical Nursing		13			
3.	Community Health Nursing		04			
4.	Child Health(Paediatric)Nursing		05			
5.	Obstetric and Gynaecological Nursing		04			
6.	Psychiatric (Mental Health Nursing)		05			
3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year.						
Department			No. of publication			
Medical Surgical Nursing			01 -published by Dr. Jyothi Chakrabarty Theoretical Basis for Advanced Nursing practice- Elsevier publications			
3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index						
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Effect of a Home Safety Supervisory Program on Occurrence of Childhood Injuries: A Cluster Randomized Controlled Trial	George A., G Renu., Shetty S.	Indian Pediatrics	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	01

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Randomized controlled trial of oral immunotherapy with colostrum or breast milk and clinical outcomes among preterm babies	Easo S., Al Nageeb N., Tolba A., John A.B., Azab A., Ata S.A., D'Souza S.R.B., Lobo D.J.	Iranian Journal of Neonatology	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
The effects of an olive-oil massage on hemodialysis patients suffering from fatigue at a hemodialysis unit in southern India - a randomized controlled trial	Lazarus E.R., Deva Amirtharaj A., Jacob D., Chandrababu R., Isac C.	Journal of Complementary and Integrative Medicine	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	01
Yoga as an Adjuvant for Cancer Patients in India	Chakrabarty J., Vidyasagar M.S.	Forum of Clinical Oncology	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Efficacy of supplementation of probiotics on maternal glycaemic control – A systematic review and meta-analysis of randomized controlled trials	Ramanathan K., Sirala Jagadeesh N., Vishwanath U., Dayal C., Chandrababu R., Hayter M.	Clinical Epidemiology and Global Health	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	01
Impact of COVID-19 pandemic on mental health care delivery: A narrative review	Binil V., Divya K.Y.	Journal of Communicable Diseases	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Depression among older adults: a systematic review of South Asian countries	Assariparambil A.R., Noronha J.A., Kamath A., Adhikari P., Nayak B.S., Shankar R., George A.	Psychogeriatrics	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
An Evaluative Study to Assess the Effectiveness of a Video-Assisted Teaching Module on Knowledge and Practice Regarding Home-Based Colostomy Care of Children Among Primary Caregivers in Selected Hospital Lucknow, Uttar Pradesh	Halemani K., Shashidhara Y.N., D'Souza S.R.B.	Indian Journal of Surgical Oncology	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
The lived experience of victims of catastrophic coastal erosion a cycle of impact, consequence and recovery	Yesodharan R., Jose T.T., Roach E.J.	Sultan Qaboos University Medical Journal	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Structure, staffing, and factors affecting infection control nurses: Hospital based exploratory survey- A study protocol	Assariparambil A.R., Nayak S.G., Sugunan A., Mukhopadhyay C., Shankar R., Devi E.S., George A.	Journal of Advanced Nursing	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Spinal Brucellosis from a Tertiary Care Hospital, South India	Sharma S., Noronha C., Latha T., Bhat S.	Online Journal of Health and Allied Sciences	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Effectiveness of self-care educational programme on clinical outcomes and self-care behaviour among heart failure peoples—A randomized controlled trial: Study protocol	D'Souza P.J.J., Devasia T., Paramasivam G., Shankar R., Noronha J.A., George L.S.	Journal of Advanced Nursing	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Depression, anxiety, stress and workplace stressors among nurses in tertiary health care settings	Kaushik A., Ravikiran S., Suprasanna K., Nayak M., Baliga K., Acharya S.	Indian Journal of Occupational and Environmental Medicine	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Risk factors for wound infection caused by methicillin resistant staphylococcus aureus among hospitalized patients: A case control study from a tertiary care hospital in India	Thimmappa L., Bhat A., Hande M., Mukhopadhyay C., Devi E., Nayak B., George A.	African Health Sciences	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	01
Qualitative methods in health care research	Renjith V., Yesodharan R., Noronha J., Ladd E., George A.	International Journal of Preventive Medicine	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Effect of Exercises on Clinical Outcomes of Patients with Hand Osteoarthritis	Renjith V., George A.	Orthopaedic Nursing	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
The effect of gum consumption on blood pressure as a risk factor for coronary heart disease: A meta-analysis of controlled trials	Shao B., Li H., Zhang P., Teng X., Wang H., Verdi T., Bhat L.T., Zhang F.	International Journal for Vitamin and Nutrition Research	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Australian and Indian nursing students' skills and attitudes surrounding mental illness: Preparing for a transnational nursing education collaboration	Patterson C., Perlman D., Moxham L., Sudhakar C., Nayak A.K., Velayudhan B., Jose T.T., Tapsell A.	Nurse Education in Practice	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	01
Effectiveness of voice stimulus on the level of consciousness, physiological parameters and behavioural responses in comatose patients – A feasibility study	Varghese R., Sulochana B., D'Souza P.J.J.	Clinical Epidemiology and Global Health	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Psychological Well-being and Perceived Parenting Style among Adolescents	Francis A., Pai M.S., Badagabettu S.	Comprehensive Child and Adolescent Nursing	2021	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	01

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
The effect of a prenatal psychosocial education program on postnatal depression, stress, and parenting self-efficacy in women in South India - A study protocol for a randomised controlled trial	Prabhu S., George L.S., Shyamala G., Jose T.T., George A.	Mental Health and Prevention	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Effect of aerobic exercises on depressive symptoms, anxiety, self-esteem, and quality of life among adults with depression	Rao U.T., Noronha J.A., Adiga K.	Clinical Epidemiology and Global Health	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	01
Contraceptives utilization and barriers in Karnataka, Southern India: A survey on women residing in slums	Sowmya, Ansuya, Vinish V.	Clinical Epidemiology and Global Health	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Documentation compliance of in-patient files: A cross sectional study from an east India state	Khan M.A., Nilima N., Prathibha J., Tiworthy B., Singh M.	Clinical Epidemiology and Global Health	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	04

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Dietary self-management practices among persons with T2DM: An exploratory qualitative study from western-coast of India	Matpady P., Maiya A.G., Saraswat P.P., Mayya S.S., Pai M.S., S A.D., Umakanth S.	Diabetes and Metabolic Syndrome: Clinical Research and Reviews	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Effect of exercise on bone mineral density and quality of life among postmenopausal women with osteoporosis without fracture: A systematic review	Anupama D.S., Norohna J.A., Acharya K.K., Ravishankar, George A.	International Journal of Orthopaedic and Trauma Nursing	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	01
Functional outcome and patients' perceived benefits after total knee arthroplasty: A cross-sectional study	Sharma S., D'Souza P.J.J., Badagabettu S., Vijayan S.	International Journal of Orthopaedic and Trauma Nursing	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Relationship between emotional intelligence, self-esteem, and assertiveness among South Indian youth: A descriptive, cross-sectional study from Karnataka	Niyogi J., Yesodharan R., Dsa R.J.	Indian journal of public health	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Understanding family carer experiences of advanced dementia caregiving in India: towards a vision for integrated practice	Ritchie L., Jack-Waugh A., Sanatombi Devi E., V B., George A., Henry J., Martis C.S., Gangopadhyay D., Tolson D.	Journal of Integrated Care	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Video assisted education on knowledge and practices of housewives towards prevention of Dengue Fever at Gokak Taluk, Karnataka, India	Hiremath P., Chakrabarty J., Sequira L.	International Journal of Health Promotion and Education	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	01
Prevention of adolescent obesity: The global picture and an indian perspective	Srivastav P., Broadbent S., K V., Nayak B., Bhat H.V.	Diabetes and Metabolic Syndrome: Clinical Research and Reviews	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	01
Effects of foot massage and patient education in patients undergoing coronary artery bypass graft surgery: A randomized controlled trial	Chandrababu R., Nayak B.S., Pai V.B., N R., George L.S., Devi E.S., George A.	Complementary Therapies in Clinical Practice	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Various methodological approaches in medical research: Using exemplars to understand each method and its implications	Balakrishnan A., Devi E.S., Viji P.C., Thunga G.	Research Journal of Pharmacy and Technology	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-
Evidence-based medicine databases: An overview	Chandran V.P., Khan S., Kulyadi G.P., Khera K., Devi E.S., Balakrishnan A., Thunga G.	Journal of Applied Pharmaceutical Science	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	01
Specialist nurse initiated interventions in breast cancer care: A systematic review of randomised controlled trials	Hussain Rawther S.C., Pai M.S., Fernandes D.J., Mathew S., Chakrabarty J., Devi E.S.	Journal of Clinical Nursing	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	02
First responder's care package on management of road traffic accident victims of Udupi: Study protocol	Vinish V., Chakrabarty J., Vijayan S., Kulkarni M., Shashidhara Y.N., Nayak B.S., George A.	Journal of Advanced Nursing	2020	Scopus	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal	-

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Effect of a Home Safety Supervisory Program on Occurrence of Childhood Injuries: A Cluster Randomized Controlled Trial	George A., G R., Shetty S.	Indian Pediatrics	2021	50	01	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Randomized controlled trial of oral immunotherapy with colostrum or breast milk and clinical outcomes among preterm babies	Easo S., Al Naqeeb N., Tolba A., John A.B., Azab A., Ata S.A., D'Souza S.R.B., Lobo D.J.	Iranian Journal of Neonatology	2021	08	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
The effects of an olive-oil massage on hemodialysis patients suffering from fatigue at a hemodialysis unit in southern India - a randomized controlled trial	Lazarus E.R., Deva Amirtharaj A., Jacob D., Chandrababu R., Isac C.	Journal of Complementary and Integrative Medicine	2021	20	01	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Yoga as an Adjuvant for Cancer Patients in India	Chakrabarty J., Vidyasagar M.S.	Forum of Clinical Oncology	2021	05	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Efficacy of supplementation of probiotics on maternal glycaemic control – A systematic review and meta-analysis of randomized controlled trials	Ramanathan K., Sirala Jagadeesh N., Vishwanath U., Dayal C., Chandrababu R., Hayter M.	Clinical Epidemiology and Global Health	2021	13	01	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Impact of COVID-19 pandemic on mental health care delivery: A narrative review	Binil V., Divya K.Y.	Journal of Communicable Diseases	2021	26	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Depression among older adults: a systematic review of South Asian countries	Assariparambil A.R., Noronha J.A., Kamath A., Adhikari P., Nayak B.S., Shankar R., George A.	Psychogeriatrics	2021	32	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
An Evaluative Study to Assess the Effectiveness of a Video-Assisted Teaching Module on Knowledge and Practice Regarding Home-Based Colostomy Care of Children Among Primary Caregivers in Selected Hospital Lucknow, Uttar Pradesh	Halemani K., Shashidhara Y.N., D'Souza S.R.B.	Indian Journal of Surgical Oncology	2021	16	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
The lived experience of victims of catastrophic coastal erosion a cycle of impact, consequence and recovery	Yesodharan R., Jose T.T., Roach E.J.	Sultan Qaboos University Medical Journal	2021	27	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Structure, staffing, and factors affecting infection control nurses: Hospital based exploratory survey- A study protocol	Assariparambil A.R., Nayak S.G., Sugunan A., Mukhopadhyay C., Shankar R., Devi E.S., George A.	Journal of Advanced Nursing	2021	155	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Spinal Brucellosis from a Tertiary Care Hospital, South India	Sharma S., Noronha C., Latha T., Bhat S.	Online Journal of Health and Allied Sciences	2021	15	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Effectiveness of self-care educational programme on clinical outcomes and self-care behaviour among heart failure peoples—A randomized controlled trial: Study protocol	D'Souza P.J.J., Devasia T., Paramasivam G., Shankar R., Noronha J.A., George L.S.	Journal of Advanced Nursing	2021	155	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Depression, anxiety, stress and workplace stressors among nurses in tertiary health care settings	Kaushik A., Ravikiran S., Suprasanna K., Nayak M., Baliga K., Acharya S.	Indian Journal of Occupational and Environmental Medicine	2021	26	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Risk factors for wound infection caused by methicillin resistant staphylococcus aureus among hospitalized patients: A case control study from a tertiary care hospital in India	Thimmappa L., Bhat A., Hande M., Mukhopadhyay C., Devi E., Nayak B., George A.	African Health Sciences	2021	44	01	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Qualitative methods in health care research	Renjith V., Yesodharan R., Noronha J., Ladd E., George A.	International Journal of Preventive Medicine	2021	39	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Effect of Exercises on Clinical Outcomes of Patients with Hand Osteoarthritis	Renjith V., George A.	Orthopaedic Nursing	2021	37	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
The effect of gum consumption on blood pressure as a risk factor for coronary heart disease: A meta-analysis of controlled trials	Shao B., Li H., Zhang P., Teng X., Wang H., Verdi T., Bhat L.T., Zhang F.	International Journal for Vitamin and Nutrition Research	2021	57	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Australian and Indian nursing students' skills and attitudes surrounding mental illness: Preparing for a transnational nursing education collaboration	Patterson C., Perlman D., Moxham L., Sudhakar C., Nayak A.K., Velayudhan B., Jose T.T., Tapsell A.	Nurse Education in Practice	2021	47	01	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Effectiveness of voice stimulus on the level of consciousness, physiological parameters and behavioural responses in comatose patients – A feasibility study	Varghese R., Sulochana B., D'Souza P.J.J.	Clinical Epidemiology and Global Health	2021	13	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Psychological Well-being and Perceived Parenting Style among Adolescents	Francis A., Pai M.S., Badagabettu S.	Comprehensive Child and Adolescent Nursing	2021	37	01	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
The effect of a prenatal psychosocial education program on postnatal depression, stress, and parenting self-efficacy in women in South India - A study protocol for a randomised controlled trial	Prabhu S., George L.S., Shyamala G., Jose T.T., George A.	Mental Health and Prevention	2020	11	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Effect of aerobic exercises on depressive symptoms, anxiety, self-esteem, and quality of life among adults with depression	Rao U.T., Noronha J.A., Adiga K.	Clinical Epidemiology and Global Health	2020	13	01	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Contraceptives utilization and barriers in Karnataka, Southern India: A survey on women residing in slums	Sowmya, Ansuya, Vinish V.	Clinical Epidemiology and Global Health	2020	13	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Documentation compliance of in-patient files: A cross sectional study from an east India state	Khan M.A., Nilima N., Prathibha J., Tiwary B., Singh M.	Clinical Epidemiology and Global Health	2020	13	04	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Dietary self-management practices among persons with T2DM: An exploratory qualitative study from western-coast of India	Matpady P., Maiya A.G., Saraswat P.P., Mayya S.S., Pai M.S., S A.D., Umakanth S.	Diabetes and Metabolic Syndrome: Clinical Research and Reviews	2020	40	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Effect of exercise on bone mineral density and quality of life among postmenopausal women with osteoporosis without fracture: A systematic review	Anupama D.S., Norohna J.A., Acharya K.K., Ravishankar, George A.	International Journal of Orthopaedic and Trauma Nursing	2020	18	01	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Functional outcome and patients' perceived benefits after total knee arthroplasty: A cross-sectional study	Sharma S., D'Souza P.J.J., Badagabettu S., Vijayan S.	International Journal of Orthopaedic and Trauma Nursing	2020	18	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Relationship between emotional intelligence, self-esteem, and assertiveness among South Indian youth: A descriptive, cross-sectional study from Karnataka	Niyogi J., Yesodharan R., Dsa R.J.	Indian journal of public health	2020	26	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Understanding family carer experiences of advanced dementia caregiving in India: towards a vision for integrated practice	Ritchie L., Jack-Waugh A., Sanatombi Devi E., V B., George A., Henry J., Martis C.S., Gangopadhyay D., Tolson D.	Journal of Integrated Care	2020	18	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Video assisted education on knowledge and practices of housewives towards prevention of Dengue Fever at Gokak Taluk, Karnataka, India	Hiremath P., Chakrabarty J., Sequira L.	International Journal of Health Promotion and Education	2020	16	01	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Prevention of adolescent obesity: The global picture and an indian perspective	Srivastav P., Broadbent S., K V., Nayak B., Bhat H.V.	Diabetes and Metabolic Syndrome: Clinical Research and Reviews	2020	40	01	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Effects of foot massage and patient education in patients undergoing coronary artery bypass graft surgery: A randomized controlled trial	Chandrababu R., Nayak B.S., Pai V.B., N R., George L.S., Devi E.S., George A.	Complementary Therapies in Clinical Practice	2020	51	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Various methodological approaches in medical research: Using exemplars to understand each method and its implications	Balakrishnan A., Devi E.S., Viji P.C., Thunga G.	Research Journal of Pharmacy and Technology	2020	46	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Evidence-based medicine databases: An overview	Chandran V.P., Khan S., Kulyadi G.P., Khera K., Devi E.S., Balakrishnan A., Thunga G.	Journal of Applied Pharmaceutical Science	2020	38	01	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
Specialist nurse initiated interventions in breast cancer care: A systematic review of randomised controlled trials	Hussain Rawther S.C., Pai M.S., Fernandes D.J., Mathew S., Chakrabarty J., Devi E.S.	Journal of Clinical Nursing	2020	102	02	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal
First responder's care package on management of road traffic accident victims of Udupi: Study protocol	Vinish V., Chakrabarty J., Vijayan S., Kulkarni M., Shashidhara Y.N., Nayak B.S., George A.	Journal of Advanced Nursing	2020	155	-	Manipal College of Nursing, Manipal Academy of Higher Education (MAHE), Manipal

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	82	190	01	190
Presented papers	02	03	00	00
Resource Persons	06	20	00	00

3.4 Extension Activities

3.4.1 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 co-ordinated such activities	Number of students participated/ beneficiaries in such activities
Capacity Building Webinar on “Infant and Young Child Feeding” on 04/08/2020.	MCON, Manipal, KH, Manipal & BPNI.	02	190- students 420- Beneficiaries
World Suicide Prevention day - Session on ‘Working together to prevent suicide’ on 10/09/2020.	Department Of Psychiatric / Mental Health Nursing	01	94 (School Teachers from Udupi district)
Question and answer session on Let us talk about Dementia - 21.09.2020- Radio Mirchi98.3FM	Department Of Psychiatric / Mental Health Nursing	01	General Public
World Alzheimer’s week: Theme Lets us talk about Dementia’: – A session on Early identification and prevention of dementia.on 26/09/2020.	Department Of Psychiatric / Mental Health Nursing	01	Retired employees of public sector bank and public- 122 individuals from various parts of the country.
World Mental Health Day on 09/10/2020 & 10/10/2020.	Department of Psychiatric(Mental Health) Nursing MCON, MAHE Manipal	01	116- students 120- Beneficiaries
Webinar on Leadership in Midwifery: National and International Perspective on 27/10/2020.	Department of OBG Nursing, Manipal College of Nursing	08	120-students
Children’s Day Celebration on 17/11/2020	Dept. of Child Health Nursing, MCON, Manipal & ASARE, Manipal	02	116- students 35- Beneficiaries
Webinar Series on Newborn individuality in view of caring and services provided from 16/11/2020 to 20/11/2020.	Department of OBG Nursing, Manipal College of Nursing	08	120-students

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated/ beneficiaries in such activities
Radio talk on diabetic foot care as part of the World diabetes day 2020 on 21/11/2020	Department of Medical Surgical Nursing, MCON	03	Program targeted the general public.
World TB Day- by organizing awareness program 'Kshaya Muktha Bharatha' to general public through Spandana TV on 24/03/2021.	Department of Medical Surgical Nursing, MCON	02	Program targeted the general public.

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
Student Nurses Association (SNA)			
Nil			
Departments			
<p>World Breastfeeding week 2020- Manipal College of Nursing Manipal and Department of Paediatrics, Kasturba Medical College MAHE.</p> <ul style="list-style-type: none"> Capacity Building Webinar on "Infant and Young Child Feeding" – 04/08/2020 Symposium on "support breastfeeding for a healthier planet"- 05/08/2020 	Successfully celebrated World Breastfeeding week 2020- 1 st to 7 th August 2020	WABA	<p>420 (students, nurses and teaching faculty from within MAHE and various institutions across the country India and abroad.</p> <p>105 (Students of Manipal College of Nursing and Staff Nurses of Kasturba Hospital Manipal</p>

3.4.3 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 coordinated such activities	Number of students participated in such activities
Webinar	Department of Child Health Nursing, MCON Manipal	Capacity Building Webinar on “Infant and Young Child Feeding” on 04/08/2020	02	190 students 420 Beneficiaries
Webinar	Department of Child Health Nursing, MCON Manipal	Symposium on Support Breastfeeding for a Healthier Planet on 06/08/2020	02	99 students 105 Beneficiaries
Awareness program	Department of Community Health Nursing, MCON Manipal	Webinar for school teachers on Identification and management of nutritional disorders among School Children in COVID 19 perspective As part of the International Year of the Nurse and the Midwife on 15/08/2020.	05	22 Beneficiaries
Guest Lecture	Department of Child Health Nursing MCON, MAHE, Manipal through online platform – MS Teams	Pandemic as a Disaster on 22/09/2020	01	118 students 134 Beneficiaries
Guest Lecture	Department of Medical Surgical MCON Manipal	Introduction to Palliative Care & Hospice on 31/10/2020	02	102 students 102 Beneficiaries
Children’s Day Celebration	Department of Child Health Nursing, MCON Manipal and ASARE	Children’s Day Celebration on 17/11/2020	02	116 students 35 Beneficiaries

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
Guest Lecture	Department of Medical Surgical MCON Manipal	Effective Communication with Older Adults on 26/11/2020	02	120 students 120 Beneficiaries
World AIDS Day observation 2020	Department of Fundamentals of Nursing Manipal in association with MAC-ID, PSPH, MAHE	E poster making Video making	03 03	18 MAHE students 05
World AIDS Day observation 2020	Department of Fundamentals of Nursing, MCON Manipal	Awareness session on HIV/AIDS by Dr Elsa Sanatombi Devi on 01/12//2020	03	99
Guest Lecture	Department of Medical Surgical MCON Manipal	Professional Communication & Etiquette at Workplace on 05/12/2020	02	106 students 15 faculty 121 Beneficiaries
Webinar	Department of Psychiatric/Mental Health Nursing, MCON Manipal and ASARE	Webinar Challenges and issues in Healthcare Sector between Healthcare Management Expert and budding Nurses on 21/12/2020.	03	102 students 102 Beneficiaries
Morbidity Clinic	Department of Community Health Nursing, MCON Manipal	Moodubelle -11/11/2020 Athrady - 25/11/2020 Moodubelle - 09/12/2020 Athrady -23/12/2020 Moodubelle – 13/01/2021 Athrady - 27/01/2021 Moodubelle –10/02/2021 Athrady -24/02/2021 Thirlapalke -10/03/2021 Athrady on 31/03/2021 Moodubelle 14/04/2021	02 03 02 02 01 02 01 02 01 02 02	07 09 13 17 11 18 09 19 15 20 10

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
Guest Lecture	Department of Medical Surgical Nursing	BMT and its implications to critical care nursing on 29/12/2020.	01	16 students 05 faculty
Guest Lecture	Department of Medical Surgical Nursing	Recent advances in ICU protocols and standards on 30/12/2020	01	21 students 07 faculty
Awareness program	Department of Community Health Nursing, MCON Manipal	National Road Safety week- 2021 on 11/01/2021	01	07 students 104 Beneficiaries
Awareness program	Department of Community Health Nursing, MCON Manipal and FM 90.4	Radio awareness programme about National Road Safety Week- 2021 on 14/01/2021	01	09 students & General Public
Awareness program	Department of Community Health Nursing, MCON Manipal	Programme on “Breast cancer and its prevention as part of International Women’s Day- 2021 on 08/03/2021.	01	16 students 15 Beneficiaries
World Health Day Observation	Department of Community Health Nursing, MCON Manipal	e-poster competition on 05/04/2021. Webinar on “Building a fairer and healthier world for everyone” on 07/04/2021	03 04	30 posters received 59
Webinar	Department of Psychiatric/Mental Health Nursing, MCON Manipal and ASARE	National webinar on understanding emotions: setting life in motions organized by I MSc (N) as part of Nursing Education curriculum requirement on 29/04/2021.	01	126 students 299 Beneficiaries
Health Awareness program	Student Nurses Association Health Education Committee , MCON and Manipal Institute of Communication, MAHE, Manipal Radio FM 90.4	“Health awareness on the care of children at home for minor ailments” broadcasted in Radio FM 90.4 on 25.05.2021	02	02

3.5 Collaborations					
3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year					
Nature of Activity		Participant	Source of financial support	Duration	
Departments					
Student Activity Collaboration Series- 1 on “Clinical experience during COVID 19 Pandemic”		182 (MCON & Edge Hill University UK)	Nil	25/03/2021 2021 between 3.30-5.30 pm through MS Teams Virtual Platform.	
Student Activity Collaboration Series- 2 “Service Users, Caregivers, and Students experiences during the Covid 19 pandemic”		187 (MCON & Edge Hill University UK)	Nil	04/06/2021 between 3.30 pm & 5.30 pm through MS Teams Virtual Platform.	
3.5.2 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-To)	Participant
Academic and research Collaboration		International Virtual Tour	King College London	11/03/2021 (MS Teams Virtual Platform)	50 students from King’s College London & 20 students from MCON
3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year					
Organisation		Date of MoU signed	Purpose and Activities		Number of students/teachers participated under MoUs
Nil					

3.5.2 Revenue generated from Corporate Training by the institution during the year				
Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
Dr. Judith Angelitta Noronha Dr. Baby S Nayak	Continuing Nursing Education Program (CNE) for Al Salam Hospital Kuwait on the topic 'Advanced Leadership and Management' was held from 1st June 2021 to 24th June 2021.	Al Salam International Hospital, Kuwait Tel: 1830003	Rs. 1,80,480.00	35
Mr Anilraj A Lecturer, Department of Medical-Surgical Nursing MCON, MAHE	CNE on Palliative care to Staff Nurses of Manipal Hospital, Bangalore on 5 th April 2021	Manipal Hospital, Bangalore	-	98
Mrs Janet Alva Assistant Professor, Department of Medical-Surgical Nursing MCON, MAHE	CNE on Immunotherapy to Staff Nurses of Manipal Hospital, Bangalore on 9 th April 2021.	Manipal Hospital, Bangalore	-	120
Mrs Shalini G Nayak Assistant Professor, Department of Medical-Surgical Nursing MCON, MAHE	CNE on Pain management in cancer patients to staff Nurses of Manipal Hospital, Bangalore to on 16 th April 2021	Manipal Hospital, Bangalore	-	120
Mrs Shalini G Nayak Assistant Professor, Department of Medical-Surgical Nursing MCON, MAHE	CNE on Colorectal cancer-Risk/Pathology/prevention & Management to Staff Nurses of Manipal Hospital, Bangalore on on 26 th April 2021	Manipal Hospital, Bangalore	-	148

Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
Mrs Janet Prameela D'Souza Assistant Professor, Department of Medical- Surgical Nursing MCON, MAHE	CNE on Safe handling, administration & Disposal of chemotherapy drugs to Staff Nurses of Manipal Hospital, Bangalore on 30 th April 2021.	Manipal Hospital, Bangalore	-	145

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
421.27 lakhs	288.13 lakhs

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	Teaching Block 30,250 Sq.Ft Hostel Block 98,444.09 Sq. Ft	-
Class rooms	09	-
Laboratories	05	01
Seminar Halls	02	-
Classrooms with LCD facilities	07	-
Classrooms with Wi-Fi/ LAN	09 (LAN)	-
Seminar halls with ICT facilities	02	-
Video Centre	00	-
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	09	01
Value of the equipment purchased during the year (Rs. in Lakhs)	87.26	4.25
Others	-	-

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 partially)	Version	Year of automation
Koha	Fully	17.11.00.000	2018

4.2.1 Library Services:						
	Existing		Newly added		Total	
	No.	Value (in ₹)	No.	Value (in ₹)	No.	Value (in ₹)
Text Books & Reference Books	4530	40,73,468.85	89	1,36,618.00	4619	42,10,087.43
e-Books	30	2,84,978.00	-	-	30	2,84,978.00
Journals	05	56,67,271.64	-	10,44,048.00	05	67,11,319.64
e-Journals	1610				1480	
Digital Database	01	46,47,907.00	03	18,57,514.00	04	65,05,421.00
CD & Video	140	-	Nil	-	140	-
Library automation	Library is automated with Koha Software					
Weeding (Hard & Soft)	108	27,405.00	-	-	108	27,405.00
Others (specify)	-	-	-	-	-	-

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (MGBPS)	Others
Existing	27	04	-	-	-	07 (03 Desktop+ 4 Laptop)	10	5 MBS	06
Added	02	-	-	-	-	02 (Laptop)	-	-	-
Total	29	04	-	-	-	09	10	5 MBS	06

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

5 MBS

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
Impartus Lecture capturing Classroom in 1 st , 2 nd and 3 rd floor	https://impartus.com

4.3.4 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
Nil			

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
268.89 lakhs	170.90 lakhs	84.92 lakhs	69.14 lakhs
4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (<i>maximum 500 words</i>) (information to be available in institutional Website, provide link)			
All the infrastructural facilities are maintained as per the laid down policy of MAHE. Most of the equipment's Preventive and breakdown maintenance of equipment is outsourced to TBS Pvt Ltd. Similarly, maintenance of physical infrastructural facilities are outsourced to MIS Pvt Ltd. Computers, network and similar electronic related facilities are outsourced to KPTI technologies Ltd. The need for up gradation, replacement or repair of the existing facilities were first be proposed in the yearly budget for approval. Upon approval necessary procedures were completed.			

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	AGE Scholarship	01	27,750
	Konkani Scholarship	56	12,03,050
	Merit Cum Means Scholarship (B.Sc.Nursing students)	104	53,94,700
	Others	01	94,000
	SAGES	04	4,04,000
	Service Agreement	04	2,48,000
	Staff Child/Spouse Scholarship	02	1,87,750
	Alumni Child Scholarship	01	14,500
	Scholar Scholarship	03	90,372
Total		176	76,64,122
Financial support from other sources			
a) National From Private Bodies	Kundapur Mohan & Lata Bhandarkar	03	75,000
	G Shankar Family Trust	01	33,300
	MSS Staff Child Scholarship	06	6,20,000
	TCV organization (Tibetan Children Village School)	02	1,33,000.
	Dharmasthala Sujanananidhi scholarship	04	6,200
	Dr. BR & CR Shetty Scholarship	05	3,00,000
	Vidyasarathi Scholarship	01	20,000
	Santoor Scholarship	01	14,000
Total		23	12,01,500

From Government Bodies	PMSS Jammu & Kashmir Scholarship	03	3,12,000
	Scholarship applied through National Scholarship Portal (NSP)	75	19,75,700
	Tibetan Government	05	2,90,000
Total		83	25,77,700
b) International	Free State Provincial Government, South Africa - Scholarship	03	USD 13,650
Total		03	USD 13,650

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 implementation	Number of students enrolled	Agencies involved
Student Nurses Association (SNA)			
As a part of Bharath ka Amruth Mahotsav Activity, awareness program on Adolescent health for PU college students	Through MS team platform on 14.06 2021	33	Student Nurses Association MCON MAHE, Manipal
Personal Counselling	Provided as and when required	01	MCON in house faculty (Faculty with post graduation in Psychiatric Nursing) with additional qualification on counselling.
Mentoring	W.e.f August 2016	1:12 Mentor Mentee ratio	MCON in house faculty
Personal and Professional Development			
Leadership Training program	23/02/2021 16/03/2021 06/04/2021	97	Ms Besi Paul and Ms Cebi Paul, Assistant Professors, Malankara Orthodox Syrian Church College of Nursing, Kolenchery, Kerala and Founder member of NOSC-The Personal Enrichment and Support Team (alumnus of MCON-BSc Nursing 2004 – 2008 batch; MSc Nursing 2009-2011 batch) were the resource persons.

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 by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2020-21	Seminar on Career Development and Progression in Nursing on 24/08/2020 for final year B.Sc Nursing students.	-	88	-	-
2020-21	Guest Lecture on “Professional Communication & Etiquette at Workplace” on 05/12/2020 for final year B.Sc Nursing students.		106	-	-
2020-21	Interactive Session “Challenges and Trends in Healthcare sector” on 21/12/2020 for 3 rd year and 4 th year B.Sc Nursing and 2 nd year P.B.B.Sc Nursing .	-	102	-	-

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2020-21	Guest Lecture on “Core Concepts in Critical Care” on 23/01/2021 for first year and second year NPCC students.	-	07	-	-
2020-21	Webinar on Current Ethical Issues in Healthcare’ on 04/06/2021 final year BSc(N), PBBSsc(N) and MSc (N).	-	78	-	-

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	No. of grievances redressed	Average number of days for grievance redressal
Nil	Nil	Nil

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
Kasturba Hospital Manipal	B.Sc.(N)-48	B.Sc.(N)-25	Holy family Hospital, Bombay	B.Sc.(N)-03	B.Sc.(N)-03
	PBBSsc(N)-12	PBBSsc(N)-10			

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
Manipal Hospital Bangalore	B.Sc.(N)-12	B.Sc.(N)-12	Apollo Proton cancer centre, Chennai	B.Sc.(N)-01	B.Sc.(N)-01
			Intern –Safety Management Lilly Capability Centre, India (LCCI).Eli Lilly Services India Private Ltd. Embassy Tech Village, Outer Ring road, Bengaluru	M.Sc. (N)-01	M.Sc. (N)-01
			Nursing Tutor (Deputation) @ Nursing Training Institute (GNM), Anugarah Narayan Magadh Medical College and Hospitaal,Gaya Govt of Bihar	M.Sc. (N)-01	M.Sc. (N)-01
			Dr.TMA Pai Hospital Udupi	PBBSc (N)-02	PBBSc (N)-02
			Cloudphysician Healthcare Pvt Ltd 7, Bellary Road, Ganganagar, Bangalore, 560032	PBBSc (N)-01	PBBSc (N)-01

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
2020	05	B.Sc. Nursing	Manipal College of Nursing, MAHE, Manipal	Manipal College of Nursing, MAHE, Manipal	M.Sc. Nursing

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2020	01	P B B.Sc. Nursing	Manipal College of Nursing, MAHE, Manipal	Manipal College of Nursing, MAHE, Manipal	M.Sc. Nursing
2020	01	M.Phil. Nursing	Manipal College of Nursing, MAHE, Manipal	Manipal College of Nursing, MAHE, Manipal	Ph.D. Nursing
2020	02	M.Sc. Nursing	Manipal College of Nursing, MAHE, Manipal	Manipal College of Nursing, MAHE, Manipal	Ph.D. Nursing

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	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	Nil	Nil
SET	Nil	Nil
SLET	Nil	Nil
GATE	Nil	Nil
GMAT	Nil	Nil
CAT	Nil	Nil
GRE	Nil	Nil
TOFEL	Nil	Nil
Civil Services	Nil	Nil
State Government Services	Nil	Nil
Any Other	Nil	Nil

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year						
Activity			Level		Participants	
Sports activities						
Session on 'Physical fitness: Importance & Factors affecting Physical Fitness' for the BSc Nursing students on 5 th November,2020.			Institutional level		94 Fourth year BSc Nursing students	
Session on 'Importance of nutrition in physical fitness' for 3 rd year BSc Nursing students on 27 th March 2021.			Institutional level		75 Third year BSc Nursing students	
Session on '30 minutes' walk as part of life for the 3rd year BSc Nursing students on 14 th August 2021.			Institutional level		150 participants including students, faculty and non-teaching staff of MCON	
Cultural activities						
Freshers Day on 6 th February 2021			Institutional		475	
Annual Day on 27 th February 2021			Institutional		475	
Online the best content creator on 10 th March 2021			Institutional		475	
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	Sports	Cultural	Student ID number	Name of the student
Nil						
From March 2020 all the sports competitions/activities were withheld due to COVID pandemic.						
5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)						
Activities of student council						
<ul style="list-style-type: none"> Organizing meetings and conferences. Maintenance of SNA diary. Public speaking and writing reports. Undertaking projects. Propagation of nursing profession Conduct various fund raising programs and activities. Conduct socio-cultural and recreational activities. 						
Committees of Student Council						
Student nurses Association works under the guidance of Faculty Advisor and co advisor. It has President, secretary and treasurer who work as team along with other committee chairpersons.						
SNA has following committees and it works with the leadership of chairperson, secretary and faculty advisor. All the committees have the student representatives from BSc, MSc and PBBSc nursing. Students are participating in various activities which are organised by these committees.						
<ul style="list-style-type: none"> Cultural Committee Sports Committee Education Committee 						

- Judiciary Committee
- Health and Social Welfare Committee
- Health Education Committee
- SNA Club

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

No

5.3.2 No. of ~~registered~~ enrolled Alumni: **136**

5.3.3 Alumni contribution during the year (in Rupees) :

Rs. 54,000 (towards journal fund)

5.3.4 Meetings/activities organized by Alumni Association :

Alumni engagement guest lecture series – 04/2020 report

Manipal College of Nursing (MCON), MAHE, Manipal organized alumni guest lecture on the topic International Patient Safety Goals (IPSG) on 20 August 2020 between 3.30 pm- 4.30 pm. Mr Ajith Kumar Shetty, an Infection control nursing officer and Nursing educator, HCG EKO Cancer Centre, Kolkata, India (alumnus of MCON-PBBS Nursing 2012 – 2014 batch) discussed the IPSG goals that are in practice. He stressed the importance of following safety standards for the day to day practice to ensure maximum safety for the patients and quality patient care. The session was conducted as a webinar in Microsoft Teams and was attended by 17 PBBS nursing students and three faculty members.

Continuous Nursing Education by Alumni-05/2020

A session on “Constructing effective quality multiple-choice questions – A real challenge for academicians” was organized by the department of child health nursing on 21st August 2020 at MCON, Manipal (through Microsoft team). Dr Manjushambika Rajagopal, Faculty, College of Nursing, Public Health Authority of Applied Education and Training, Kuwait discussed how to construct effective quality multiple-choice questions, the uses of MCQs, how to frame the questions in the different levels of cognitive domains, advantages and disadvantages of using MCQs with appropriate examples. She also discussed the criteria to be followed while designing MCQs and how to design the alternatives with relevant examples. The session was attended by 36 faculty members from Manipal College of Nursing & School of nursing. The session was interactive and informative.

Alumni engagement guest lecture series – 06/2020

Manipal College of Nursing (MCON), MAHE, Manipal organized alumni guest lecture on the topic ‘Virtual Simulation as an effective pedagogy during COVID-19 pandemic’ between 3.30 pm to 4.30 pm on 29 August 2020. Ms Nargita Arora, Workforce Development Clinician, Broward College, Florida, USA (alumnus of MCON-BSc-N - 1991-1995 batch) explained the process of using simulation in pedagogy especially during COVID -19 pandemic. The session included the details of preparing the case scenario, preparation of the equipment, students, faculty, the venue, seating arrangements and the technique of demonstration by the faculty while students are attending remotely or in a safe distance. She also briefed the methods of return demonstration by the students when they are at home. The session was experience-driven and very informative. The session was conducted as a webinar in Microsoft Teams and was attended by 51 faculties, 6 PhD scholars and two external members.

Alumni Engagement Guest Lecture Series – 07/2020

Manipal College of Nursing (MCON), MAHE, Manipal organized alumni guest lecture on the topic

‘Communication skills and team-building’ on 04th September 2020 between 2.30 pm & 3.30 pm. Mrs Selma Kalathil, Nursing Director, Jeddah National Hospital, KSA (alumnus of MCON-BSc Nursing 1998–2002 batch, MSc Nursing 2007-2009 batch) spoke on the subject. She highlighted on tips to improve communication skills and team building. She said non-verbal communication, active listening, written communication are important skills required for nurses at the bedside and teaching area. She opined that good communication improves the quality of care provided to patients. The session was conducted as a webinar session through Microsoft Teams and was attended by 92, 4th year BSc Nursing students and four faculty members of MCON Manipal.

Alumni engagement guest lecture series – 08/2020

Department of Community Health Nursing, Manipal College of Nursing Manipal organized alumni guest lecture on the topic Perspective on School health and role of School Health Nurse on 22 September 2020 between 11 am – 12 pm. Mrs Jane Jyothi Mathias, School Health Nurse, The English Play Group (alumnus of MCON MSc-N- 2016-2018 batch) discussed on the role and responsibilities of a School Health Nurse. She highlighted on the medications and equipment needed in School for providing basic nursing care for children in school and also regarding referral to the ministry health authority. She shared her experiences of being a School Health Nurse and the criteria for aspiring a job as a School Health Nurse. The session was deliberated using Microsoft teams platform. Total 127 participants including faculty members and students from 4th year BSc(N) and II year PBBSc (N) attended the session. This program was coordinated by Mrs Reshma R Kotian, Lecturer, Manipal College of Nursing Manipal, MAHE, Manipal.

Alumni engagement guest lecture series – 10/2020 report

Department of Community Health Nursing, Manipal College of Nursing Manipal, organized alumni guest lecture on the topic ‘Community Health Officers in Health and wellness center’ on 16/10/2020 between 11 am -12 pm by Mr Preetham Nayak, Community Health Officer, Kolar District (alumnus of MCON PBBSc N – 2017-19 batch). He highlighted on the morbidity and wellness services available in the health and wellness centers and explained regarding e- Sanjeevi app, the new update on tele-consultation. The roles and responsibilities of community officer, career options as community Health officers were clearly explained. The session was deliberated using Microsoft teams platform. Total 62 participants including faculty members and students from 4th year BSc(N) practical batch III and II year PBBSc (N) attended the session. The program was coordinated by Mrs Reshma R Kotian, Lecturer, Manipal College of Nursing Manipal, MAHE, Manipal.

Alumni engagement guest lecture series – 11/2020 report

Department of Medical-Surgical Nursing, Manipal College of Nursing Manipal organized alumni guest lecture on the topic Conquer COVID: Tales of COVID-19 Warriors on 16 October 2020 between 3 pm to 4.30 pm. Mr. Jijomon (alumnus of MCON, MSc (N) 2012-2014 batch) Ms Maryl Cutinho (alumnus of MCON MSc (N) 2015-2017 batch), Ms. Roseminu Varghese (alumnus of MCON MSc (N) 2013-2015 batch), and Ms. Wilma Padmanabhan (alumnus of MCON MSc (N) 2013-2015 batch) were the resource persons for the session. They spoke about the COVID scenario in the United Kingdom, especially at their workplace. They shared their experience of managing COVID 19 patients, how they themselves suffered from the disease, the dilemma which they have faced, the fear and the uncertainties, the ways they adapted to come out of the situation etc. They highlighted the protocols which are being used during the COVID 19 epidemic across NHS foundations in the UK as well as their facility’s policies. The session was deliberated using Microsoft team’s platform. A total of 124 participants including faculty members and students from 4th year BSc Nursing, 2nd-year PBBSc Nursing, 2nd year MSc Nursing and 2nd year Nurse Practitioner in Critical Care Residency programme attended the session. This program was coordinated by Mrs Janet Prameela D’Souza, Assistant Professor, Manipal College of Nursing Manipal, MAHE, Manipal.

Alumni Engagement Guest Lecture Series – 12/2020

Department of Child Health Nursing, Manipal College of Nursing, Manipal Academy of Higher Education,

Manipal organized an Alumni Guest Lecture on “Bleeding Diathesis – Evaluation & Management” on October 16, 2020, between 09.30 am & 10.30 am for undergraduate nursing students through Microsoft Team Platform. **Ms Hazina C Joseph**, Nurse Practitioner, University of South Florida, USA and alumna (BSc Graduate 1995-2000 batch) of MCON, Manipal was the speaker for the session. She discussed the physiology of hemostasis, evaluation and management of common bleeding disorders such as Hemophilia and Von Willebrand disease. She also sensitized the students and made the session live with case-based scenarios of different age groups. A total of 135 participants including III BSc (97), I PBBS (18), alumni members (7) from various parts of the country along with the faculty members (13) of MCON, Manipal attended the guest lecture. The session was interactive and informative.

Alumni Guest Lecture Series – 13/2020

As part of effective alumni engagement, Manipal School of Nursing, MCON, MAHE organized a guest lecture on Acute Coronary Syndrome by Mrs Mintee Raghunathan, Clinical Nurse Manager, St. James Hospital, Dublin, Ireland on November 04, 2020 between 3.00 to 4.00 p.m through MS Team platform. A total of 92 participants including 77 diploma nursing students and 15 faculty members attending the session.

Mrs Mintee shared her views and experience regarding the care of patients with Acute Coronary Syndrome. She discussed the various protocols and interventional modalities used in the management of patients with ST-segment abnormalities. She also stressed on the importance of regular updating of knowledge by reading books, pursuing higher studies and attending relevant short-term courses. The session was informative and interactive with discussion and clarification of doubts.

Report On Effective Alumni Guest Lecture Series – 14/2020

Manipal School of Nursing, MCON, MAHE, Manipal organised a guest lecture by Mrs Sylvia Carol Mendonca (Diploma Nursing batch 2005-09). Infection Control Officer, Burjeel Royal Hospital, Abu – Dhabi, United Arab Emirates as part of effective alumni engagement guest lecture series – 14/2020 on 20th November 2020 from 10.30 – 11.30 a.m. The speaker spoke on the topic “Comprehensive COVID - 19 Guidelines for Healthcare professional”.

The main purpose of her talk was to assure the adoption of best practices to prevent and control the spread of COVID – 19, to ensure reporting of COVID – 19 cases to DOH as per requirements and to maximize the effective management of suspected and/or confirmed COVID – 19 cases.

Mrs Sylvia highlighted on epidemiology, laboratory diagnosis, infection prevention and control, contact tracing, management of health care workers exposed to COVID – 19, patient transport, treatment and management of deceased bodies in the mortuary.

It was a good session on COVID – 19 guidelines. On answering to the queries, she stressed on the importance of support to health care professionals who face a lot of challenges due to this pandemic. A total of 101 participants including interns and final year diploma nursing students (87) along with the faculty members (14) of MSON, Manipal attended the guest lecture.

Alumni engagement Guest Lecture Series – 01/2021

Manipal College of Nursing (MCON), MAHE, Manipal organized an alumni guest lecture on the topic “Leadership Training Program” on 23 February 2021, 16 March 2021 and 6 April 2021 between 9.00 am-12.30 pm. Ms Besi Paul and Ms Cebi Paul, Assistant Professors, Malankara Orthodox Syrian Church College of Nursing, Kolenchery, Kerala and Founder member of NOSC-The Personal Enrichment and Support Team (alumnus of MCON-BSc Nursing 2004 – 2008 batch; MSc Nursing 2009-2011 batch) were the resource persons. Ms Besi Paul discussed about the group dynamics, causes of poor group dynamics, how to turn a group into a team and strategies for improving team dynamics. She also stressed on leadership development, what makes a leader, the cultural shifts in leadership, qualities of a good leader and the

leadership styles. Ms Cebi Paul highlighted on the communication etiquettes in the workplace and the effective use of language in communication. The sessions were enriched with group activities and enthusiastic participation by the students. The students expressed that the program was interactive and useful in identifying leadership qualities. The session was conducted as a webinar in Microsoft Teams. Fourth-year BSc Nursing students were divided into three batches (32 in each batch) to have better interaction. A total of 97 BSc Nursing students and five faculty members attended the sessions.

Alumni Engagement Guest Lecture Series – 02/2021

Department of Medical-Surgical Nursing, Manipal College of Nursing Manipal organized an alumni guest lecture on the topic “Surgical management of arthritis” on 15 April 2021 between 11.30 am to 12.30 pm. Ms. Krishnaendhu Ambady Krishnan, an alumnus of MCON, BSc Nursing (2004 -2007 batch) and MSc Nursing (2007- 2009 batch) was the resource person for the session. She is currently working as Senior Charge Nurse and Practice Educator for theatres at South West London, Elective Orthopedics Centre, Epsom, Surrey. She spoke about various types of arthritis, etiological factors and the risk factors involved, pathophysiology, clinical manifestations and the differences between various types of arthritis. She highlighted the management aspect of arthritis with special emphasis on surgical management of arthritis. She shared her experience of managing arthritis patients in her work setting. The session was deliberated using the Microsoft teams platform. A total of 115 participants including faculty members and students from II year BSc Nursing and I year PBBS Nursing attended the session. This program was coordinated by Mrs Janet Prameela D’Souza, Assistant Professor, Department of Medical Surgical Nursing, Manipal College of Nursing Manipal, MAHE, Manipal.

Effective Alumni Engagement Guest Lecture on “Scope of nursing in military services and challenges faced”-03/2021

Department of Obstetrics and Gynaecological Nursing, Manipal College of Nursing, Manipal organized an Effective Alumni Engagement Guest Lecture on "Scope of nursing in military services and challenges faced" on 17 April 2021 between 10.00 am & 11.00 am for I and II year MSc Nursing students and I year PBBS Nursing and IV year BSc Nursing students through Microsoft Teams Platform. Capt. Philby Babu Menachery MSc (N) 2013-2015 Batch alumnus, currently working as Nursing Officer, Base Hospital Delhi Cantt., New Delhi, India spoke on the topic. She briefed on Military Nursing, how one can join Military Nursing Services (MNS), the role of nurses in MNS, job responsibilities at different levels for nurses as per their designation, special benefits available to the nurses, activities which are prohibited and challenges faced, and also briefed on some of the career opportunities available. A total of 32 participants including students and faculty members of the college attended the session.

Ms Pratibha, Assistant Professor, Department of Obstetrics and Gynaecological Nursing, MCON expressed gratitude to Capt. Philby Babu Menachery for accepting the invitation and sharing her expertise on the subject with the students. The interesting, inspiring and elaborate session ended at 11:00 am.

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)

The administrative work of the institution has been decentralized with Head of the departments with Dean leading the administration. The Dean is ably supported in decision-making aspects by the Associate Dean, HoDs’ and various committees that look into academic, research and other activities of the institution. The entire administration is decentralized to the six departments which functions with HoDs’ and the departmental teaching and non-teachings staff. All the HoDs are Professors with Ph.D qualification. The other activities of the institution is carried out through various committees (Continuing Nursing Education,

SNA, Curriculum, Staff Welfare, Institutional Research, Anti-Ragging, Research and Bioethics Core Committees).

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

Yes

- Student Information System (SIS)
- Online attendance
- Online feedback for student and faculty
- E-pad examinations and evaluations
- Impartus
- MSPM

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):

Curriculum Development:

6th Curriculum convention on Simulation-Based Competency Assessment organised by Manipal College of Nursing, MAHE Manipal

Amidst the Covid-19 pandemic, most of the health professional students are physically distant from the classrooms that has considerably changed the dynamics of education system. In order to develop the clinical competence among students, simulation has emerged as a promising teaching strategy that facilitates learning of students considering current and future challenges. Curriculum convention is one of the deliberate efforts put forth by the Excellence in Education team of MCON, Manipal, to empower learning experiences of students and enrich teaching methods of faculty in order to cater to the growing needs and demands. Manipal College of Nursing, MAHE, Manipal organized a virtual curriculum convention on Simulation Based Competency Assessment through MS Teams platform on 19th December 2020. Mrs Meghana Sudhir, Simulation Educator, Institute for Excellence in Health Professions Education, MBRU, Dubai, UAE was the Chief Guest. She emphasized the importance of simulation in teaching learning experience and highlighted the purposes of simulation which includes education, assessment, research and health integration in facilitating patient safety. She also sensitized the group on team based simulation and curriculum integration of simulation. The resource person for the session was Mr. Linto Andrews, Senior Simulation training, officer - NRSC, JHPIEGO, New Delhi. Dr. Anice George, Dean welcomed the gathering and emphasized the significance of the curriculum convention and the theme for the day “Simulation based competency assessment”, which is the need of the hour to keep ourselves updated and provide best curricular experiences to the students. Dr Judith A Noronha, Excellence in Education Pillar Head & Associate Dean gave an overview regarding the curriculum convention. Mr Linto Andrews during his session on simulation based competency assessment spoke on Simulation as a technique that promotes experiential and reflective learning and can also be used as teaching and evaluation tool. He also highlighted on different models of simulators that can mimic varied student learning experience. He also explained that simulation based learning promotes patient safety, offers opportunities to practice and acquire clinical skills, and provides students to experience safe learning environment. Mr Linto Andrews also stressed on importance of debriefing its steps, process, types that encourages reflective practices of students. Developing simulation scenarios is one of the significant step of teaching learning activity. The session was followed by department wise group activity on developing case scenarios for simulation in breakout rooms of MS Teams, which were later presented with final modifications from experts. The session concluded with closing remarks by the Dr Judith A Noronha in taking forward this activity by each department and gradually finalizing the case scenarios. Mrs. Binu Margaret, Assistant Professor and Convenor of the program proposed vote of thanks.

Teaching and Learning:

Impartus: Video Platform for Lecture Capture

Manipal College of Nursing implemented Impartus to enhance the learning outcomes of the students. It provides innovative video-enabled learning solutions that drive better outcomes for educational institutions. The facility was initiated in the academic year 2018-19 for the 2nd year BSc Nursing and 3rd Year BSc nursing classrooms. The video lecture capture benefitted our 220 students for the last year and is currently in use. The students can download and install Impartus mobile application from the play store to see the videos.

Sessional Examination:

Examination and Evaluation

- Two sessional exams are conducted per subject
- Question paper pattern for sessional exams – same as university examination.
- Question paper preparation – Prepared by the subject coordinator, scrutinized by the faculty from other department and approved by the HoD and Dean.
- Two weeks prior to the examination question paper will be prepared and will be uploaded to e-cloud one week prior to the exam. Question paper will be released for the students at the beginning of exam.
- Invigilation – One invigilator for every twenty-five students and one exam chief superintendent for each day is planned and the exam schedule will be prepared one month prior to the examination.

Evaluation: Sessional examination

- Evaluation is done by the faculty within one week after the examination and online answer scripts (E-pad) will be available to the students for viewing answer papers (5 days). Marks will be finalized after clarification from the students. All the students who used E-pad will be informed through email about release of answer scripts for student viewing.

University examination:

UG:

- Two internal examiners will be evaluating the theory paper and practical examinations will be conducted by one internal and one external examiner. Maximum 15 students will be there in one group.

PG: practical Exam

- One internal and One external examiner will be evaluating the theory paper and for practical one internal and one external examiner will conduct the practical examinations.
- Practical examination – feedback is taken from the external examiners.

PG practical exam (Nurse Practitioner in Critical Care Post Graduate Residency program)

- One internal and One external examiner will evaluating the theory paper and for practical one internal, one external examiner and Medical preceptor will conduct the practical examinations (OSCE).
- Practical examination – feedback is taken from the external examiners.

Research and Development

- Workshops related to research.
- Student research guidance.
- Department research by department/individual faculty
- Research in collaboration with other departments & institutions
- Research in collaboration with international universities.
- Institutional Student Research Forum (SRF)
- Evidence Based Practice (EBP) and systematic review workshops

Library, ICT and Physical Infrastructure / Instrumentation

On Campus and Off Campus access to Online Journals and online databases have been provided. Library has a computer lab with Internet access available free of cost for faculty to use. Every faculty above lecturer grade is provided with laptop and free internet connectivity

Human Resource Management				
<ul style="list-style-type: none"> • Empowering the faculty members by conducting Faculty Development Programmes/ workshops. • Taking corrective actions on the basis of feedback from the students • Providing ample opportunity for conducting research • Opportunity for promotion based on available vacancy and eligibility • Opportunity for participating in national and international conferences/ workshops. 				
Industry Interaction / Collaboration				
<ul style="list-style-type: none"> • Industry representatives address the students prior to campus interview and selection. • Students get direct exposure to the industries during their clinical postings. • External clinical postings. • Informal career guidance by the subject teachers and Class coordinators. • Student participation in Research activities/conferences enhance collaboration. 				
Admission of Students				
<ul style="list-style-type: none"> • B.Sc and P.B.B.Sc Nursing students are selected based on the merit. • Entrance exam is conducted for selecting students for NPCC, and M.Phil Nursing programs. • Online Entrance exam is conducted for selecting students for M.Sc. nursing programs followed by counselling for final selection. • Scholarships are provided for B.Sc Nursing students who score >90% in qualifying examination based parents economical status. • Campaigning about nursing programmes in various preuniversity colleges. 				
6.2.2 : Implementation of e-governance in areas of operations:				
Planning and Development				
Administration: All the communications to the faculty is done through email. email, etc are being used. Faculty leave management is also done through online system- MSPM (Manipal Solution for People Management).				
Finance and Accounts: The college uses e-portal for all activities related to purchase, finance and accounts management.				
Student Admission and Support : The college utilizes SIS for all student-related activities. Parents also can view and monitor the attendance and exam scores of the students through SIS The college is proposing to implement student life cycle management system				
Examination : the internal assessment and university examinations are being conducted using e-pad examination system, which reduces the consumption of papers.				
6.3 Faculty Empowerment Strategies				
6.3.1 Teachers were 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
31/12/2020	Mrs. Savitha	Self-Medication Practices among the Adolescent Population of South Karnataka, India		38,815.00
31/12/2020	Mrs. Anjalin D Souza	Self-Medication Practices among the Adolescent Population of South Karnataka, India		38,816.00

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
31/03/2021	Dr.Elsa Sanatombi Devi	Boston visit as a part of capacity building component of the USIEF/OSI/2018/04		50,000.00
31/03/2021	Dr.Sushmitha Ramona Karkada	Boston visit as a part of capacity building component of the USIEF/OSI/2018/04		50,000.00
31/03/2021	Mrs. Shalini G Nayak	IAPCON 2021		1,545.00
31/03/2021	Dr. Mamatha S Pai	-	Society of Paediatric Nurses	7,500.00

6.3.2 Number of professional development / administrative training programmes organized by the College 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	Dates (from-to)	No. of participants (Teaching staff)	No. of participan ts (Non- teaching staff)
2020-21	International Interactive Seminar series on Impact of COVID-19 Pandemic & Strategies for mitigation	-	01/07/2020 02/07/2020 03/07/2020 04/07/2020 09/07/2020 10/07/2020	18 15 15 15 04 12	-
2020-21	Virtual symposium on “Mahatma Gandhi in the 21 st century”	-	07/08/2020	20	-
2020-21	Capacity Building Webinar on “Infant and Young Child Feeding	-	04/08/2020	28	-
2020-21	Guest Lecture on “Facilitating high-quality virtual simulation”	-	30/09/2020	11	-
2020-21	Webinar on “Leadership in Midwifery: National and International Perspective”	-	27/10/2020	06	-
2020-21	Webinar on Evidence Based Practice in Nursing	-	29/10/2020 to 31/10/2020	01	-

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2020-21	Webinar Series on “Newborn individuality in view of caring and services provided”	-	16/11/2020 17/11/2020 18/11/2020 19/11/2020 20/11/2020	03 04 05 03 02	-
2020-21	Webinar on Quantitative Nursing Research		22/04/2021 to 24/04/2021	10	
2020-21	National webinar on ‘Understanding Emotions: Setting Life In Motion’	-	29/04/2021	06	-
2020-21	-	Breast Cancer and its prevention	08/03/2021	-	06
2020-21	-	Office yoga	22/05/2021	-	08

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	Date and Duration (from – to)
Faculty development : Systematic Review and Simulations in teaching	51	20/07/2020 to 22/07/2020
Continuing Nursing Education (CNE) On		
Reflective Learning	42	23/06/2020 to 23/06/2020
Community Health Officers- Health & wellness centers	36	29/08/2020 to 29/08/2020
Healthy work culture	42	17/11/2020 to 17/11/2020
Student- Led classroom	30	03/10/2020 to 03/10/2020
‘Identification and remedial measures for slow and advanced Learners’	47	07/11/2020 to 07/11/2020
Travel Health Services	21	20/11/2020 to 20/11/2020
Identifying best practices in nursing institutions	34	23/01/2021 to 23/01/2021

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Current ethical issues in health care	32	06/02/2021 to 06/02/2021
Collaborative grant application	25	06/03/2021 to 06/03/2021
Techniques of effective online learner engagement	27	03/04/2021 to 03/04/2021
Leadership and good governance in higher education institutions	46	22/05/2021 to 22/05/2021
Institutional Risk Assessment	32	05/06/2021 to 05/06/2021

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

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime/temporary
	01 (on contract for 1 year)		01 (Quess Roll)

6.3.5 Welfare schemes for

Teaching	<ol style="list-style-type: none"> 1. College has a staff welfare committee which organizes monthly staff welfare activities. 2. Provision for attending conferences & seminars 3. Leave facility for one year : 24 days of Earned leave, 10 days of compensatory leave, 12 days of Casual leave, 15 days Special casual leave (Teaching only) , Commuted Leave of 5 4. Conducting in-service education 5. Provident fund, National Pension Scheme 6. Medicare facility for the employee, spouse and children and dependent parents 7. Institutional Accommodation facility 8. Scholarship on course fee of employee children and or spouse 9. Reimbursement of children's educational fees 10. Scholarships for children studying at schools under academy of general education 11. Interest subsidy on housing/utility loan 12. Sodexo meal and gift coupons 13. Leave travel allowance 14. Group insurance program 15. Article publication charges
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Non-teaching	<ol style="list-style-type: none"> 1. Employee State Insurance / Medicare facility 2. Employee Pension 3. Leave facility for one year : 24 days of Earned leave, 10 days of compensatory leave, 12 days of Casual leave, Commuted Leave of 5 4. Provident Fund 5. Institutional Accommodation facility 6. Scholarship on course fee of employee children and or spouse 7. Reimbursement of children's educational fees 8. Scholarships for children studying at schools under academy of general education 9. Group insurance program 10. National Pension scheme
Students	<ol style="list-style-type: none"> 1. Utsav – cultural competitions organized by MAHE 2. Cultural and annual sports meet organized by Student Nurses' Association 3. Scholarship for students with 90% and above marks 4. Other scholarship facilities. 5. Provision for attending the conference and present paper 6. Medicare facilities 7. Participation in Voluntary Service Organization of the University

6.4 Financial Management and Resource Mobilization

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

Audit Process at Manipal Academy of Higher Education (MAHE)

The Audit in MAHE is being carried out by external agencies who are appointed by the Finance committee.

The Audit is by way of:

- Internal Audit.
- Statutory Audit

The **Internal Audit** from last 4 financial years has been entrusted to an external party. They carry out the audit for each quarter of the year. They are mainly into transactional audit which is done on the test basis. They also look into the physical verification of stocks, cash verification at institutional level. They look into the internal controls of the financial system. They highlight the deficiency in the system, if any and advice the Management for remedial measures.

The **Statutory Audit** is carried out annually. In order to reduce the burden at the end of the financial year the external audit team visits MAHE at the end of six month i.e., September and carries out the half yearly audit. Subsequently the Final audit is carried out in the month of June / July.

The financials are prepared according to the prevailing laws. They are then approved by the Finance committee.

Till to-date there are no major observations from the external auditors or internal Auditors.

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/ Grants received in Rs.	Purpose
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Nil

6.4.2 Total corpus fund generated:

Nil

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	<ul style="list-style-type: none"> Indian Nursing Council &Karnataka State nursing Council External experts 	Yes	IQAC
Administrative	Yes	<ul style="list-style-type: none"> M/s TUV Rhineland Pvt. Ltd 	Yes	ISO

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

- There is no Parent-Teacher Association. However regular communication with the parents/guardian is done.
- Teacher Guardians communicate with the parents regularly
- Sessional marks and attendance status are sent to the parents at regular interval.

6.5.3 Development programmes for support staff (at least three)

- Conducting continuing education classes.
- Periodic meetings to enable them to cope with the changing developments.
- The Training programs organized by H.R, MAHE

6.5.4 Post Accreditation initiative(s) (mention at least three)

IQAC meeting (Internal Quality Assurance Cell)

Regular Academic Audit

Initiative Quality related sessions for faculty

6.5.5

- a. Submission of Data for AISHE portal : (Yes /No) : **No (2020-21)**
- b. Participation in NIRF : (Yes /No) : **Yes**
- c. ISO Certification : (Yes /No) : **Yes**
- d. NBA or any other quality audit : (Yes /No) : **No**

6.5.6 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
2020-21	Academic Audit	03.08.2021	01 day, 9.15 am to 4.00 pm	48 (faculty) 11 (Non-teaching staff)
2020-21	Internal Audit	06.01.2021	01 day 9.15 am to 4.00 pm	43 (faculty) 09 (Non-teaching staff)
2020-21	Internal Audit	12.07.2021	9.15 am to 4.00 pm	45 (faculty) 10 (Non-teaching staff)
		13.07.2010	9.30 am to 4.00pm	45 (faculty) 08 (Non-teaching staff)
		14.07.2010	9.30 am to 4.00pm (03 days)	43 (faculty) 10 (Non-teaching staff)

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-to)	Participants	
		Female	Male
Awareness session on Gender Sensitization organized by Health Education Committee of Student Nurses' Association, MCO	12/02/2021	320	20
7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources 5% reduction in power consumption (Value: 2019-20: 37941 Units, 2020-21: 31129 Units)			
7.1.3 Differently abled (Divyangjan) friendliness			
Items Facilities	Yes/No	No. of Beneficiaries	
Physical facilities	Yes	-	
Provision for lift	Yes	-	
Ramp/ Rails	Yes	-	
Braille Software/facilities	No	-	
Rest Rooms	No	-	
Scribes for examination	Yes	Nil	
Special skill development for differently abled students	No	-	
Any other similar facility	Toilet facilities	-	

7.1.4 Inclusion and Situatedness						
Enlist most important initiatives taken to address locational advantages and disadvantages during the year						
Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
Nil						

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Rules and regulations for students	It was decided to give e-copy for 2020-2021 batch	All the students are provided handbook with the rules and regulations that are to be followed after their admission to the institution. It provides information to the students on various facilities available at the institute and rules and regulations related to academics, examinations, dress codes, leave, hostel, student discipline and rules of MAHE. In addition, it also emphasizes the code of conduct to be followed within the college premises.

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration From- to	Number of participants
Webinar on “Sanskrit in the contemporary world” as part of “Sanskrita Week Celebrations”.	05/08/2020	64
Jan Andolan Campaign on COVID-19 Posters on key messages of “Wear Mask, Follow Physical distancing and Maintain Hand Hygiene”	12/10/2020 to 14/10/2020	Pledge was taken by 37 faculty and 439 students (14.10.2021)
Fit India Program- A session on ‘Physical fitness: Importance & Factors affecting Physical Fitness’	05/11/2020	94

Activity	Duration From- to	Number of participants
Constitution day celebration Live telecast of Preamble reading by honourable prime minister.	26/11/2020	101- students 122- Beneficiaries
Constitution day celebration A webinar on the topic “Constitutional values and fundamental principles of Indian constitution”.	26/11/2020	74- students 117- Beneficiaries
National Youth Day- 2021 Theme: “Youth Power towards nation-building and universal brotherhood”	12/01/2021	Total of five posters and three essays received were evaluated and the best were then awarded with certificates.
National Road Safety Week 2021 - Theme: “Safe yourself to save your family”.	11/01/2021	104 Participants
Radio awareness programme about National Road Safety Week- 2021	14/01/2021	General Public
Safety Pledge taken during National Road Safety Week 2021	17/02/2021	386 students 32 faculty 04 Non-teaching staff
Fit India Program A session on ‘Importance of nutrition in physical fitness’	27/03/2021	75
Elocution Competition Theme: “Netaji Subhash Chandra Bose”	12/04/2021	16
Awareness Program on Adolescent Health As part of Bharath ka Amruth Mahotsav Activity	14/05/2021	33 (Students of Madhava Kripa School)
As part of Bharath ka Amruth Mahotsav Activity, awareness on adolescent health Online for Madhava kripa school Manipa(SNA Health education committee: Dr. Yashoda S, advisor)	14/05/2021	33
Webinar on "Midwifery Initiative: Training and Services in India - A Road Map- As part of Bharath ka Amruth Mahotsav Activity.	31/05/2021	150 Participants

Activity	Duration From- to	Number of participants
World No Tobacco Day 2021- “Commit to Quit”	31/05/2021	333 Participants
Webinar on ‘Current Ethical Issues in Healthcare’ for final year Bsc Nursng , PBBSc and MSc nursing students.	04/06/2021	78
Essay writing competition on the theme “Say No to Single-Use Plastic”	07/06/2021	10 essays are received
International Yoga Day 2021- “Advantages of Yoga and Ayurveda in Modern Life”.	21/06/2021	67
Webinar on “Prevention of Drug Abuse Among College Students”- as a part of “Azadi Ka Amrut Mahotsav” a year-long celebration of the 75 th year of Indian Independence.	28/06/2021	190

Faculty

Independence Day	15/08/2020	15/08/2020	Virtual
MAHE Convocation	20/11/2020	20/11/2020	Virtual
	21/11/2020	21/11/2020	Virtual
	22/11/2020	22/11/2020	Virtual
Republic Day	26/01/2021	26/01/2021	Virtual

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

- Green campus
- Reduction in paper usage / water / electricity
- Compulsory emission testing for vehicle parked in the campus
- Indoor plants by faculty

7.2 Best Practices

Describe at least two institutional best practices

Best Practice 1

Title of the Practice – Short term certificate course (Evidence-Based Practice in Nursing, and Advanced Nursing Leadership and Management)

Objectives of the practice

Specific skill development is necessary along with the course requirements. Nurses on the academic and practice side can update their knowledge and skill through these short term courses. Keeping this in view, the institution has involved several short term certificate program which could be offered to the nurse educators as well as practicing nurses. The main goal is to build specialized skills in a specific area.

The context

Leadership ability of the nurses needs to be enhanced to take new challenges in the practicing area. Evidence-Based Practice is necessary for providing quality care to the patients. As a result, various discussions were conducted to streamline some of the concerns like who can enroll in this course and the duration of the course. The challenges faced were that the Practicing Nurses, as well as Nurse Educators, found it difficult because of the tight academic and hospital duty schedule. These programs are purely optional and after the course, a certificate will be given to the participants. In the context of higher education, competency is very essential for learners to excel in their profession. These courses are developed to prepare learners to work in a specialized area with enhanced skills. In the present situation, a lot of importance is given to the competency of the nursing fraternity if they would like to work in a specialty area. The learners should foresee the challenges ahead and prepare themselves for the sustainability of the profession.

The practice

The institution has identified two courses for nurse educators and practicing nurses. The advertisement regarding the course sent through email to various organizations. The total duration of the course is three months with 40 hours for each course. The eligibility for Advanced Nursing Leadership and Management course is Diploma/ Graduation/ Post-graduation in Nursing. The eligibility for Evidence-Based Practice in Nursing is Postgraduation in Nursing. The 100 percent attendance is compulsory and the learners should appear for the exam and at the end certificate will be given to them. These particular courses are being done to equip the learners to enhance their skill and also the employability in specialized areas. Hands-on experience is also integrated into these courses.

Evidence of success

The success is measured in terms of the number of learners who are the takers for specific courses, feedback from the faculty members and learners. The result indicates the success of the program. The result will help the organizers to decide on the continuation of the program.

Problems encountered and resource required

Less number of takers. Faculty members need to spend additional time on the conduct of this course.

The resources required are:

Manpower: Identify the faculty members who are experts to conduct the program

Time: The course is done during the regular academic session so proper planning of time management is required. Faculty need to mentor the participants in preparing the best evidences for practice in their area of work.

Infrastructure: Institution has the required infrastructure for the conduct of the program

Best Practice II

Title of practice- Overseas Training

Objectives of Practice

The main objective is to share expertise with overseas nurses and to enhance their knowledge and skill in Advanced clinical practice. The institution believes in sharing expertise with other institutions to bring development in the nursing profession.

The Context

Enhancing the knowledge and skill in the Advanced clinical area is very important to meet the demands of health care as well as to improve the professional development of practicing nurses. This training was initiated based on the need for overseas nurses. A lot of discussions had taken place between the two organizations to materialize the plan and the certification program. An MOU was initiated between MAHE and Al Salam, Kuwait for the conduct of the program.

The Practice

Our institution initiated this overseas training in the year 2016. This training is given for six days (36 hours) We have trained around 600 nurses. Training is offered by qualified faculty. The course is certified by the Manipal College of Nursing. The training areas include Advanced Critical Care Nursing, Advanced Medical-Surgical and Geriatric Nursing, Advanced Pediatric Nursing, Advanced Obstetric and Midwifery Nursing, Advanced Emergency care, Advanced Leadership and Management. Training includes both theory and practice of the skill. Each participant will get a chance to practice the skill during the training program.

Evidence of Success

Objective feedback from the participants has detailed positive comments and areas for improvement. The administrators have highly appreciated the sessions conducted by the Manipal faculty. Based on the success of the program the MOU is renewed every year and the training is ongoing.

Problems encountered and resources required

Since this training is planned well ahead there were no concerns about the conduct of the training.

The resources required are:

Manpower: Identify the faculty members who are experts to conduct the program

Time: Faculty need to spend one week onsite for the training.

7.3 Institutional Distinctiveness

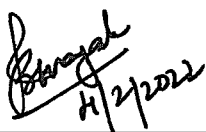
Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust
Provide the weblink of the institution in not more than 500 words

MCON has progressively grown in strength and scope over the years. It has highly qualified faculty, excellent infrastructure and the university's teaching hospitals, which provide a wholesome experience in nursing education. The MCON offers all higher education programs. The MCON is recognised by the Karnataka Nursing Council (KNC) and Indian Nursing Council (INC). It is ranked 3rd among top nursing colleges in India by The Week (2012) and Ranked number 4 among India's top 10 undergraduate Courses and Institutes for B.Sc Nursing – Source : Education World India – Higher Education India(dtd 15th June 2021). Our mission is to be a world class nursing institution with international standards and a hallmark of excellence in nursing education, practice and research. The institution has six clinical nursing departments and each department has ongoing research projects. For the first time in India, an Endowment Chair to promote research in nursing has been established at MCON Manipal by the Manipal Academy of Higher Education in 2013. The Quality of education at this college is affirmed by the 100 percent employment of our graduates. Job opportunities for MCON graduates and postgraduates are high internationally; about 85% of our graduates are working in countries like the United Kingdom, United States of America, Canada, Ireland, Australia, New Zealand and the Gulf countries. MCON gives the best opportunity for students to learn by caring. We believe that our students are our treasure, our faculty is our strength and our management is our support for continuous growth.

8. Future Plans of action for next academic year (500 words)

- Implementing Outcome Based Education and Competency Assessment for Post Graduate courses from the year 2021-2022
- Aligning curriculum with National Education Policy 2020
- Collaborative Research and Publications with International Universities
- New elective courses and summer school
- Manipal Nursing Research conclave in January 2022

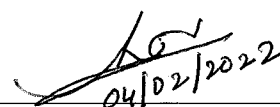
Name: Dr. Baby S Nayak



Handwritten signature of Dr. Baby S Nayak, dated 4/2/2022.

Signature of the Coordinator, IQAC

Name: Dr. Anice George



Handwritten signature of Dr. Anice George, dated 04/02/2022.

Signature of the Chairperson, IQAC

Abbreviations:

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

For Communication with NAAC

The Director

National Assessment and Accreditation Council (NAAC)

(An Autonomous Institution of the University Grants Commission)

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