



Internal Quality Assurance Cell (IQAC)

**Summary of IQAC Activities specifying details and actions points(with results)  
(for the period from April 2021 to Sep 2021)**

Sl. No.	Details	Action Points (Results)	Annexures
1	AICTE Extension of Approval applied on 26 <sup>th</sup> April 2021	Received AICTE-Extension of Approval (EoA) on 2 <sup>nd</sup> Jul' 21	1
2	NIRF 2021 Rankings  Consolidated NIRF Analysis Report by IQAC for Dental, Pharmacy, Overall and Engineering Category and presented to Vice Chancellor by respective Dean's on 16 <sup>th</sup> Sep' 21	Secured 15 <sup>th</sup> Rank in Dental Secured 52 <sup>nd</sup> Rank in Pharmacy Consolidated NIRF 2021 Ranking Analysis Report by IQAC	2
3	ARIIA Data submitted in April 2021	Awaiting Results	
4	Applied for QS I GAUGE Advanced E-Lead  E-Lead Renewal  Audit (Review meeting by leadership management was conducted on 30 <sup>th</sup> Aug' 21)	Received Advanced E-Lead Certification Received E-Lead Renewal Certification Audit data verification under progress	3A 3B(scorecard) 3C
5	NBA Hotel Management Review of Self-Assessment-Report by University Leadership Team completed with some observations under completion (meetings were conducted on 25 <sup>th</sup> May' 21)	Pre-Qualifier Stage uploaded SAR ready for upload	
6	NBA Pharmacy Three reviews with University Leadership completed (7 <sup>th</sup> Aug, 25 <sup>th</sup> Aug and 16 <sup>th</sup> Sep' 21) Bi-weekly review on progress scheduled	To be ready with SAR by end of Oct' 21	
7	NBA Engineering & Technology (at least two departments to go for NBA accreditation by the end of the academic year)	Awareness on SAR preparation scheduled on 26 <sup>th</sup> Sep' 21	
8	NAAC SSR Preparedness Meeting by University leadership Team was conducted between(26 <sup>th</sup> Jul to 3 <sup>rd</sup> Aug' 21)	Gaps and Deficiencies for improvements suggested and in-process for all criteria	4
9	<b>IQAC Activities</b> IQAC Committee was amended on 15 <sup>th</sup> April' 21	Approval Letter	5A

Chief, Quality Control (Academics)

Directorate of QEPET

M.S.Ramalah University of Applied Sciences  
Bangalore - 560 054

Page 1 of 2

*S. Ramiah*

	IQAC Committee Interim Meeting conducted on 26 <sup>th</sup> April '21	Minutes of Meeting	5B
	IQAC Committee 3 <sup>rd</sup> Meeting conducted on 6 <sup>th</sup> Aug' 21	Minutes of Meeting	5C
	IQAC in collaboration with Research Division and Elsevier conducted workshop on Research roadmap at RUAS on 8 <sup>th</sup> Jun' 21	Report	5D
	IQAC awareness programme on Importance of Accreditations for HEIs was conducted on 18 <sup>th</sup> Sep' 21	Report	5E
10	<b>IQAC Initiatives</b>		
	1. Revised Feedback Mechanism empowering Office of Deans/DSA/HoDs to control the feedback process with corrective actions	Approved in 3 <sup>rd</sup> IQAC Meeting (Agenda Item 3.7.11)	6A
	2. Revision in Mentorship Policy Office of Deans/HoDs with help of Head-Mentors of respective Faculty to effectively implement Mentorship process across University	Approved in 3 <sup>rd</sup> IQAC Meeting (Agenda Item IQAC 3.2.8)	6B
	3. Proposal for Constitution of Planning Monitoring Board (PMB)	Discussed in 3 <sup>rd</sup> IQAC Meeting Agenda Item IQAC 3.9)	

**Signature with Date**

*S. Paul*  
Member Secretary, IQAC 23/9/21

# **ANNEXURE 1**

**All India Council for Technical Education**  
(A Statutory body under Ministry of Education, Govt. of India)  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



**APPROVAL PROCESS 2021-22**

**Extension of Approval (EOA)**

F.No. South-West/1-9327143051/2021/EOA

Date: 02-Jul-2021

To,

The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 6th Floor,  
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,  
Bangalore-560001

**Sub: Extension of Approval for the Academic Year 2021-22**

Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) (1st Amendment) Regulations, 2021 notified on 24th February 2021 and other notifications as applicable and published from time to time, I am directed to convey the approval to

<b>Permanent Id</b>	1-7161814455	<b>Application Id</b>	1-9327143051
<b>Name of the Institution /University</b>	M. S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES	<b>Name of the Society/Trust</b>	GOKULA EDUCATION FOUNDATION (MEDICAL)
<b>Institution /University Address</b>	UNIVERSITY HOUSE, GNANAGANGOTRI CAMPUS, NEW BEL ROAD, MSR ROAD, BANGALORE - 560054, BANGALORE, BANGALORE URBAN, Karnataka, 560054	<b>Society/Trust Address</b>	,BANGALORE,BANGALORE URBAN,Karnataka,560054
<b>Institution /University Type</b>	State Private University	<b>Region</b>	South-West

**To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22**

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	AEROSPACE ENGINEERING	NOT APPLICABLE	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	AUTOMOTIVE ENGINEERING	NOT APPLICABLE	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	NOT APPLICABLE	60	60	NA	NA

Application No:1-9327143051

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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Chief, Quality Control (Academics)  
Directorate of QEPET  
M.S. Ramiah University of Applied Sciences  
Bangalore - 560054  
Page 1 of 5  
Printed On: 17-August-2021

S. P. Kumar

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	NOT APPLICABLE	180	180	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	NOT APPLICABLE	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS AND COMMUNICATION ENGINEERING	NOT APPLICABLE	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	NOT APPLICABLE	120	60	NA	NA
HOTEL MANAGEMENT AND CATERING	UNDER GRADUATE	BACHELOR OF HOTEL MANAGEMENT	NOT APPLICABLE	120	120	NA	NA
PHARMACY	POST GRADUATE	PHARM.D.	NOT APPLICABLE	30	30	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	AUTOMOTIVE ENGINEERING	NOT APPLICABLE	18	12	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	AEROSPACE ENGINEERING	NOT APPLICABLE	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	CONSTRUCTION ENGINEERING AND MANAGEMENT	NOT APPLICABLE	24	24	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ENVIRONMENTAL ENGINEERING AND MANAGEMENT	NOT APPLICABLE	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	TRANSPORTATION ENGINEERING	NOT APPLICABLE	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	POWER ELECTRONICS AND DRIVES	NOT APPLICABLE	18	12	NA	NA

Chief, Quality Control (Academics)

Directorate of QEPET

M.S.Ramaiah University of Applied Sciences  
Bangalore - 560 054

S. P. S.

ENGINEERING AND TECHNOLOGY	POST GRADUATE	MANUFACTURING TECHNOLOGIES AND ENGINEERING MANAGEMENT	NOT APPLICABLE	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ROBOTIC ENGINEERING	NOT APPLICABLE	18	12	NA	NA
PHARMACY	POST GRADUATE	PHARMACY	NOT APPLICABLE	69	69	NA	NA
PHARMACY	UNDER GRADUATE	PHARMACY	NOT APPLICABLE	100	100	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NOT APPLICABLE	24	24	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	DATA SCIENCE AND ENGINEERING	NOT APPLICABLE	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ADVANCED MACHINERY DESIGN	NOT APPLICABLE	18	12	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	STRUCTURAL ENGINEERING	NOT APPLICABLE	24	24	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	VLSI AND NANOTECHNOLOGY	NOT APPLICABLE	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Not Applicable	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INFORMATION SCIENCE AND ENGINEERING	Not Applicable	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MATHEMATICS AND COMPUTING	Not Applicable	60	60	NA	NA

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ROBOTICS	Not Applicable	60	60	NA	NA
MANAGEMENT	POST GRADUATE	MBA	Not Applicable	240	240	NA	NA

**It is mandatory to comply with all the essential requirements as given in APH 2021-22 (Appendix 6)**

### **Important Instructions**

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2021-22 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

**Prof.Rajive Kumar**  
**Member Secretary, AICTE**

Copy \*\* to:

1. **The Director of Technical Education\*\*, Karnataka**
2. **The Registrar\*\*,  
Not Applicable**
3. **The Principal / Director,  
M. S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES  
University House, Gnanagangothri Campus, New Bel Road, Msr Road, Bangalore - 560054,  
Bangalore,Bangalore Urban,  
Karnataka,560054**
4. **The Secretary / Chairman,  
  
BANGALORE,BANGALORE URBAN**

Karnataka,560054

- 5. The Regional Officer,**  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka

**6. Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

**\*\*** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

*This is a computer generated Statement. No signature Required*



# **ANNEXURE 2**

Chief, Quality Control (Academics)  
Directorate of QEPET  
M.S.Ramaiah University of Applied Sciences  
Bangalore - 560 054  


## **CONSOLIDATED ANALYSIS REPORT: NIRF 2021 RANKING**

### **Table of Contents**

<b>Sl. No.</b>	<b>Details</b>	<b>Page No</b>
1	NIRF 2021 Ranking: DENTAL Analysis Report	2 to 4
2	NIRF 2021 Ranking: PHARMACY Analysis Report	5 to 7
3	NIRF 2021 Ranking: OVERALL Analysis Report	8 to 11
4	NIRF 2021 Ranking: ENGINEERING Analysis Report	12 to 16
5	Comparison between 2020 and 2021 Rankings	17 to 20

**DENTAL: Ranking Analysis Report of Scores obtained by MSRUAS in Comparison with institutes from Karnataka in the Rank Band of 1 to 100**

Parameter	TLR				RP			GO			OI				PR	
Sub-Parameters	SS	FSR	FQE	FRU	PU	QP	FPPP	GPH	GPG	GUE	RD	WD	ESCS	PCS	PR	
Total	15	30	20	35	40	40	20	35	35	30	30	30	20	20	100	Rank
Manipal College of Dental Sciences	14.63	30	17.16	16.23	40	36.51	9.8	21.35	25.67	30	26.77	30	0.38	20	88.85	1
A.B.Shetty Memorial Institute of Dental Sciences	15	30	16.94	16.01	15.35	19.13	10.22	24.03	31.67	30	22.5	30	0.25	20	97.48	6
Manipal College of Dental Sciences, Mangalore	12.89	30	16.4	15.33	28.69	23.7	8.34	23.92	27.47	30	24.18	30	0.19	20	60.1	7
SDM College of Dental Sciences & Hospital	14.06	30	17.49	9.81	15.25	11.69	7	31.15	32.15	30	13.16	30	0	20	71.22	9
JSS Dental College and Hospital	13.98	30	15.89	13.25	11.4	11.9	8.35	22.28	28.82	30	20.38	30	1.17	20	73.59	12
M.S. Ramaiah University of Applied Sciences	12.92	30	17.36	13.94	12.83	13.13	8.24	27.81	31.79	30	10.98	30	0.35	20	44.91	15
Bapuji Dental College & Hospital	12.14	30	18.43	10.12	8.7	15.03	7.48	23.45	28	27.07	11.42	30	0.46	20	66.03	18
Yenepoya Dental College	13.28	30	19.18	15.39	9.16	7.53	7.71	22.17	27.84	26.83	21.22	30	0	16	49.26	21
College of Dental Sciences	12.73	30	18.15	9.53	3.8	8.5	7.82	23.92	27.8	30	7.57	30	2	20	28.23	28
Coorg Institute of Dental Sciences	11.88	30	16.11	10.71	3.99	6.37	6.87	13.13	32.79	30	18.07	30	1.89	8	49.26	31
KLE Vishwanath Katti Institute of Dental Sciences	12.92	30	18.32	10.23	3.06	3.03	6.77	17.03	28.88	30	21.16	30	0.08	20	40.05	33
Raja Rajeswari Dental College & Hospital	13.39	30	16.54	7.1	4.53	8	8.09	32.43	29.9	30	12.92	30	2.5	20	0	37

**Comparison Summary with No. 1 ranked institute indicating parameters requiring improvements (Actions)-highlighted in yellow:**

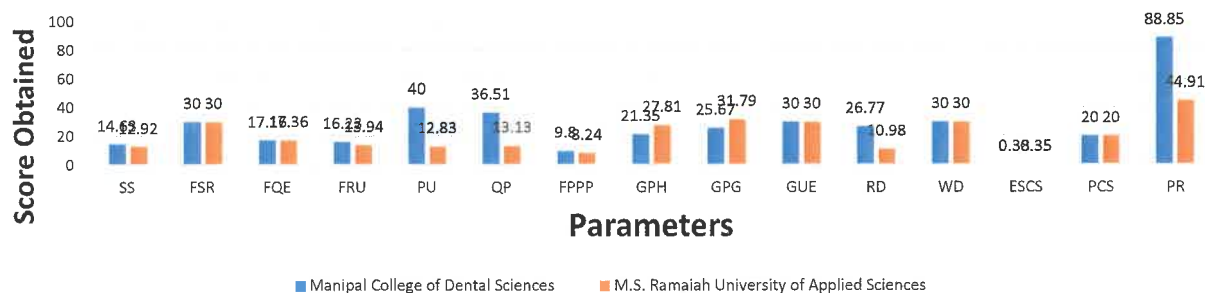
**PU:** Combined Metrics for Publications

**QP:** Combined Metric for Quality of Publications

**RD:** Percentage Students from other States/Countries (Regional Diversity)

**PR:** Perception

Parameter	TLR				RP			GO			OI				PR	
Sub-Parameters	SS	FSR	FQE	FRU	PU	QP	FPPP	GPH	GPG	GUE	RD	WD	ESCS	PCS	PR	
<b>Total</b>	<b>15</b>	<b>30</b>	<b>20</b>	<b>35</b>	<b>40</b>	<b>40</b>	<b>20</b>	<b>35</b>	<b>35</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>20</b>	<b>20</b>	<b>100</b>	<b>Rank</b>
Manipal College of Dental Sciences	14.63	30	17.16	16.23	40	36.51	9.8	21.35	25.67	30	26.77	30	0.38	20	88.85	1
M.S. Ramaiah University of Applied Sciences	12.92	30	17.36	13.94	12.83	13.13	8.24	27.81	31.79	30	10.98	30	0.35	20	44.91	15

**NIRF 2021 Dental Ranking Parameter-wise Comparison between No. 1 ranked and MSRUAS**


### Parameters of Assessment: Dental

Sr.No.	Parameters	Marks
1.	<b>Teaching, Learning &amp; Resources (TLR)</b> Ranking weight: 0.30	100
	A. Student Strength including Doctoral Students (SS): 15 marks B. Faculty-student ratio with emphasis on permanent faculty (FSR): 30 marks C. Combined metric for Faculty with PhD (or equivalent) and Experience (FQE): 20 marks D. Financial Resources and their Utilization (FRU): 35 marks	
2.	<b>Research and Professional Practice (RP)</b> Ranking weight: 0.30	100
	A. Combined metric for Publications (PU): 40 marks B. Combined metric for Quality of Publications (QP): 40 marks C. Footprint of Projects and Professional Practice (FPPP): 20 marks	
3.	<b>Graduation Outcomes (GO)</b> Ranking weight: 0.20	100
	A. Combined metric for Placement and Higher Studies (GPH): 35 marks B. Metric for University Examinations (GUE): 30 marks C. Metric for Number of PG Students Graduated (GPG): 35 marks	
4.	<b>Outreach and Inclusivity (OI)</b> Ranking weight: 0.10	100
	A. Percentage Students from other States/Countries (Region Diversity RD): 30 marks B. Percentage of Women (Women Diversity WD): 30 marks C. Economically and Socially Challenged Students (ESCS): 20 marks D. Facilities for Physically Challenged Students (PCS): 20 marks	
5.	<b>Perception (PR)</b> Ranking weight: 0.10	100
	A. Peer Perception: Employers & Academic Peer (PR): 100 marks	

**PHARMACY: Ranking Analysis Report of Scores obtained by MSRUAS in Comparison with institutes from Karnataka in the Rank Band of 1 to 100**

Parameter	TLR				RP				GO				OI				PR	Rank
Sub-Parameters	SS	FSR	FQE	FRU	PU	QP	IPR	FPPP	GPH	GUE	MS	GPHD	RD	WD	ESCS	PCS	PR	
Total	20	30	20	30	35	45	15	10	40	15	25	20	30	30	20	20	100	
Manipal College of Pharmaceutical Sciences, Manipal	18.76	28.13	16.24	12.61	21.79	22.42	3	2.99	31.55	14.63	17.84	10.51	15.61	30	2.28	20	81.71	8
JSS College of Pharmacy	18.53	30	16.88	13.53	12.73	14.01	1	2.56	37.85	15	22.62	14.23	14.64	30	2.21	20	77.86	9
KLE College of Pharmacy, Belgaum	16.47	30	13.45	8.38	3.06	6.44	1	0.86	32.21	14.21	14.72	8.46	9.13	30	1.18	20	24.08	40
Nitte Gulabi Shetty Memorial Institute of Pharmaceutical Sciences	16.4	27.6	15.05	9.25	8.78	7.45	0	0.51	36.96	15	10.86	4.22	10.45	30	0.14	18	6.06	45
<b>M.S. Ramaiah University of Applied Sciences</b>	<b>13.04</b>	<b>27.01</b>	<b>15.34</b>	<b>9.75</b>	<b>5.52</b>	<b>9.31</b>	<b>1</b>	<b>0.21</b>	<b>24.22</b>	<b>9.92</b>	<b>16.11</b>	<b>0</b>	<b>10.22</b>	<b>28.5</b>	<b>0.91</b>	<b>20</b>	<b>27.58</b>	<b>52</b>
Acharya & B M Reddy College of Pharmacy	12.85	29.07	14.71	6.87	1.11	2.84	0.5	2.44	31.78	10.75	18.42	6.18	14.41	23.8	2.9	14	16.03	60
Sri Adichunchanagiri College of Pharmacy	14.72	30	13.82	6.23	0.29	0.08	0.5	0.15	26.88	13.08	17.57	1.66	8.14	28.9	1.62	20	11.34	75

**Comparison Summary with No. 1 ranked institute indicating parameters requiring improvements (Actions)-highlighted in yellow:**

PU: Combined Metrics for Publications

QP: Combined Metric for Quality of Publications

FPPP: Percentage Students from other States/Countries (Regional Diversity)

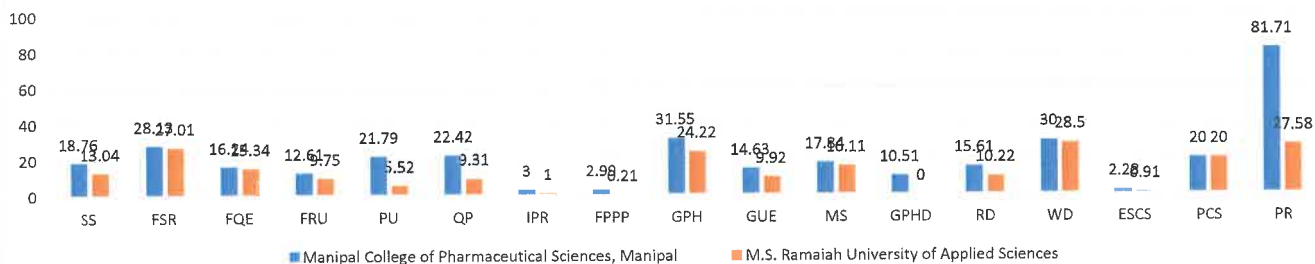
GPHD: Metric for No. of Ph.D. students graduated

RD: Percentage Students from other States/Country (Regional Diversity)

ESCS: Economically and Socially Challenged Students

PR: Perception

Parameter	TLR				RP				GO				OI				PR	
Sub-Parameters	SS	FSR	FQE	FRU	PU	QP	IPR	FPPP	GPH	GUE	MS	GPHD	RD	WD	ESCS	PCS	PR	
<b>Total</b>	<b>20</b>	<b>30</b>	<b>20</b>	<b>30</b>	<b>35</b>	<b>45</b>	<b>15</b>	<b>10</b>	<b>40</b>	<b>15</b>	<b>25</b>	<b>20</b>	<b>30</b>	<b>30</b>	<b>20</b>	<b>20</b>	<b>100</b>	<b>Rank</b>
Manipal College of Pharmaceutical Sciences, Manipal	18.76	28.13	16.24	12.61	21.79	22.42	3	2.99	31.55	14.63	17.84	10.51	15.61	30	2.28	20	81.71	8
M.S. Ramaiah University of Applied Sciences	13.04	27.01	15.34	9.75	5.52	9.31	1	0.21	24.22	9.92	16.11	0	10.22	28.5	0.91	20	27.58	52

**NIRF 2021 Pharmacy Ranking Parameter-wise Comparison between No. 1 ranked and MSRUAS**


### Parameters of Assessment: Pharmacy

Sr.No.	Parameters	Marks
1.	<b>Teaching, Learning &amp; Resources (TLR)</b> <b>Ranking weight: 0.30</b>	100
	A. Student Strength including Doctoral Students(SS): 20 marks B. Faculty-student ratio with emphasis on permanent faculty (FSR): 30 marks C. Combined metric for Faculty with PhD (or equivalent) and Experience (FQE): 20 marks D. Financial Resources and their Utilization (FRU): 30 marks	
2.	<b>Research and Professional Practice (RP)</b> <b>Ranking weight: 0.30</b>	100
	A. Combined metric for Publications (PU): 35 marks B. Combined metric for Quality of Publications (QP): 40 marks C. IPR and Patents: Published and Granted (IPR): 15 marks D. Footprint of Projects and Professional Practice (FPPP): 10 marks	
3.	<b>Graduation Outcomes (GO)</b> <b>Ranking weight: 0.20</b>	100
	A. Combined metric for Placement and Higher Studies (GPH): 40 marks B. Metric for University Examinations(GUE): 15 marks C. Median Salary(GMS): 25 marks D. Metric for Number of Ph.D. Students Graduated (GPHD): 20 marks	
4.	<b>Outreach and Inclusivity (OI)</b> <b>Ranking weight: 0.10</b>	100
	A. Percentage of Students from other States/Countries (Region Diversity RD): 30 marks B. Percentage of Women (Women Diversity WD): 30 marks C. Economically and Socially Challenged Students (ESCS): 20 marks D. Facilities for Physically Challenged Students (PCS): 20 marks	
5.	<b>Perception (PR)</b> <b>Ranking weight: 0.10</b>	100
	A. Peer Perception: Employers & Academic Peer (PR): 100 marks	



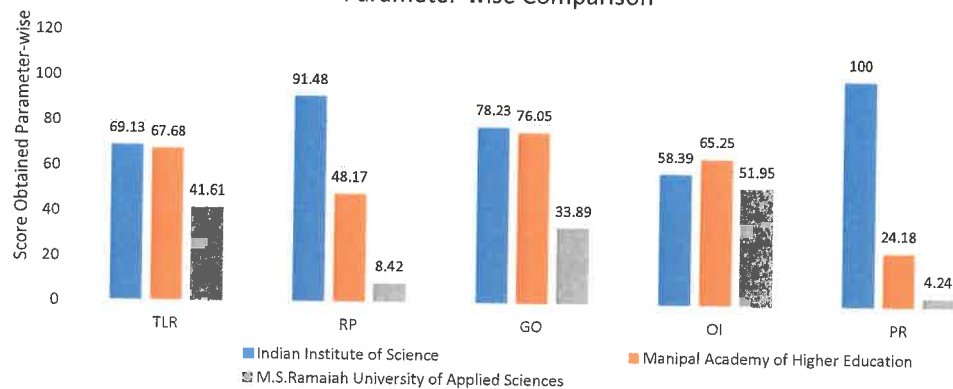
**OVERALL: Ranking Analysis Report of Scores obtained by MSRUAS in Comparison with institutes from Karnataka in the Rank Band of 1 to 100**

Parameter	TLR					RP					GO			OI					PR	Rank
Sub-Parameters	SS	FSR	FQE	FRU	Sub-Total	PU	QP	IPR	FPPP	Sub-Total	GUE	GPHD	Sub-Total	RD	WD	ESCS	PCS	Sub-Total		
<b>Total</b>	<b>20</b>	<b>30</b>	<b>20</b>	<b>30</b>	<b>100</b>	<b>35</b>	<b>35</b>	<b>15</b>	<b>15</b>	<b>100</b>	<b>60</b>	<b>40</b>	<b>100</b>	<b>30</b>	<b>30</b>	<b>20</b>	<b>20</b>	<b>100</b>	<b>100</b>	
Indian Institute of Science	10.46	25	18.34	15.33	69.13	35	35	13	8.48	91.48	50.6	27.63	78.23	21.91	9.21	7.27	20	58.39	100	2
Manipal Academy of Higher Education	17.75	25	16.79	8.14	67.68	18.3	19.29	3	7.58	48.17	56.19	19.86	76.05	17.21	27	1.03	20	65.25	24.18	15
National Institute of Technology Karnataka	13.5	18.93	14.14	7.24	53.81	19.9	18.26	1	2.58	41.74	60	13.32	73.32	18.11	17.9	9.58	20	65.58	30.01	32
Mysore University	16	22.93	16.7	5.14	60.77	7.09	8.9	2	0.8	18.79	60	30.54	90.54	1.69	30	2.56	20	54.25	6.85	34
JSS Academy of Higher Education and Research	13	25	17.74	7.3	63.04	4.48	10.63	2	2.28	19.39	60	6.7	66.7	17.16	30	2.88	20	70.04	18.85	56
M.S. Ramaiah University of Applied Sciences					41.61					8.42			33.89					51.95	4.24	

### Analysis in Comparison with top rated in Overall Category

Parameter	TLR	RP	GO	OI	PR	Rank
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	
Indian Institute of Science	69.13	91.48	78.23	58.39	100	2
Manipal Academy of Higher Education	67.68	48.17	76.05	65.25	24.18	15
National Institute of Technology Karnataka	53.81	41.74	73.32	65.58	30.01	32
Mysore University	60.77	18.79	90.54	54.25	6.85	34
JSS Academy of Higher Education and Research	63.04	19.39	66.7	70.04	18.85	56
M.S. Ramaiah University of Applied Sciences	41.61	8.42	33.89	51.95	4.24	

### NIRF 2021 Overall Ranking Parameter-wise Comparison



### Karnataka: India Rankings 2021: Overall

#### Overall - Karnataka (Rank-Band 1-100)

Institute	City/District	Rank
Indian Institute of Science	Bengaluru	2
Manipal Academy of Higher Education	Manipal	15
National Institute of Technology Karnataka	Surathkal	32
Mysore University	Mysuru	34
JSS Academy of Higher Education and Research	Mysuru	56

#### Overall - Karnataka (Rank-Band 101-150)

Bangalore University	Bangalore
Christ University	Bengaluru
KLE Academy of Higher Education and Research	Belagavi
Kuvempu University	Shimoga
M. S. Ramaiah Institute of Technology	Bengaluru
NITTE	Mangaluru
Visvesvaraya Technological University	Belgaum
Yenepoya University	Mangaluru

#### Overall - Karnataka (Rank-Band 151-200)

BLDE	Bijapur
Jain university, Bangalore	Bengaluru
NMAM Institute of Technology	Nitte, Udupi
PES University	Bengaluru

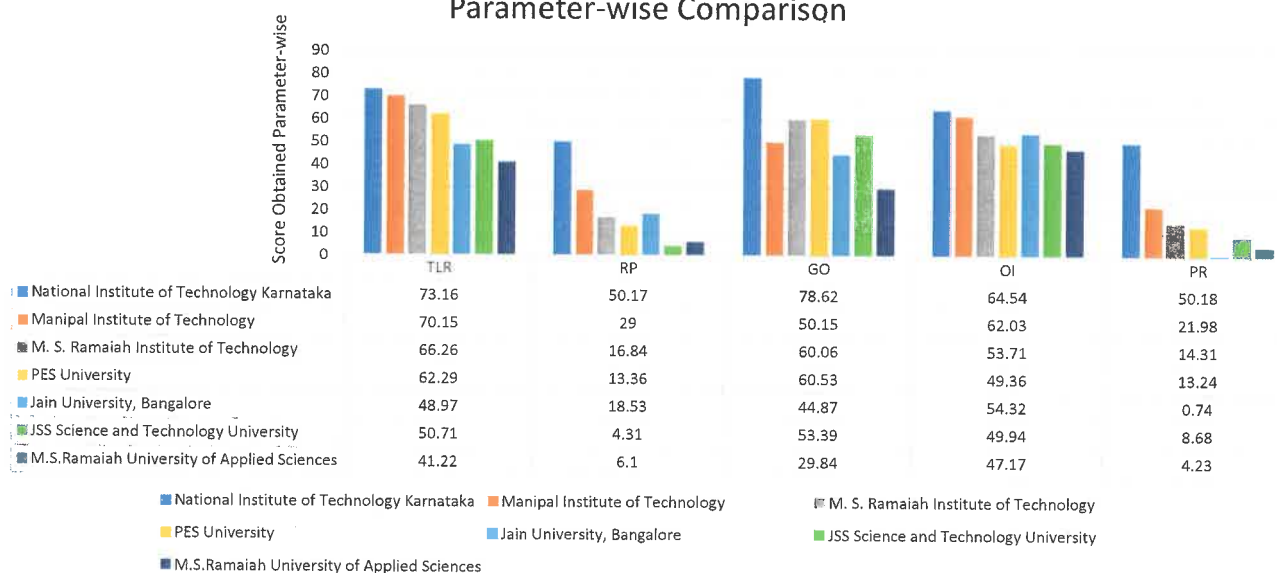
### Parameters for Assessment

S.No.	Parameters	Marks
1.	<b>Teaching, Learning &amp; Resources (TLR)</b> Ranking weight: 0.30	100
	A. Student Strength including Doctoral Students(SS): 20 marks B. Faculty-student ratio with emphasis on permanent faculty (FSR): 25 marks C. Combined metric for Faculty with PhD (or equivalent) and Experience (FQE): 20 marks D. Financial Resources and their Utilisation (FRU): 20 marks E. Online Education: Online Completion of Syllabus & Exams and Swayam (OE): 15 marks	
2.	<b>Research and Professional Practice (RP)</b> Ranking weight: 0.30	100
	A. Combined metric for Publications (PU): 35 marks B. Combined metric for Quality of Publications (QP): 35 marks C. IPR and Patents: Published and Granted (IPR): 15 marks D. Footprint of Projects and Professional Practice (FPPP): 15 marks	
3.	<b>Graduation Outcomes (GO)</b> Ranking weight: 0.20	100
	A. Metric for University Examinations(GUE): 60 marks B. Metric for Number of Ph.D. Students Graduated (GPHD): 40 marks	
4.	<b>Outreach and Inclusivity (OI)</b> Ranking weight: 0.10	100
	A. Percentage of Students from Other States/Countries (Region Diversity RD): 30 marks B. Percentage of Women (Women Diversity WD): 30 marks C. Economically and Socially Challenged Students (ESCS): 20 marks D. Facilities for Physically Challenged Students (PCS): 20 marks	
5.	<b>Perception (PR)*</b> Ranking weight: 0.10	100
	A. Peer Perception: Academic Peers and Employers (PR): 100 marks	

**ENGINEERING: Ranking Analysis Report of Scores obtained by MSRUAS in Comparison with institutes from Karnataka  
in the Rank Band of 1 to 200**

Parameter	TLR	RP	GO	OI	PR	
Total	100	100	100	100	100	Rank
National Institute of Technology Karnataka	73.16	50.17	78.62	64.54	50.18	10
Manipal Institute of Technology	70.15	29	50.15	62.03	21.98	51
M. S. Ramaiah Institute of Technology	66.26	16.84	60.06	53.71	14.31	65
PES University	62.29	13.36	60.53	49.36	13.24	83
Jain University, Bangalore	48.97	18.53	44.87	54.32	0.74	157
JSS Science and Technology University	50.71	4.31	53.39	49.94	8.68	188
M.S. Ramaiah University of Applied Sciences	41.22	6.1	29.84	47.17	4.23	

### NIRF 2021 Engineering Ranking Parameter-wise Comparison



### Parameter-wise detailed scores of Universities/Institutes in Rank Band 1 to 200 in Karnataka Region

Parameter	TLR				RP				GO				OI				PR	Rank
Sub-Parameters	SS	FSR	FQE	FRU	PU	QP	IPR	FPPP	GPH	GUE	MS	GPHD	RD	WD	ESCS	PCS		
Total	20	30	20	30	35	40	15	10	40	15	25	20	30	30	20	20	100	
National Institute of Technology Karnataka	16	24.29	14.89	17.98	23.44	22.97	1	2.76	35.31	15	16.64	11.67	16.76	18.2	9.58	20	50.18	10
Manipal Institute of Technology	15.5	29.87	14.82	9.96	13.26	13.92	1.5	0.32	18.25	15	14.1	2.8	19.16	21.43	1.44	20	21.98	51
Visvesvaraya Technological University	6.94	30	12.8	20.53	16.75	13.41	0	0.87	25.21	13.93	8.54	0.16	1.73	28.2	0	20	6.83	57
M. S. Ramaiah Institute of Technology	12.33	29.77	14.82	9.34	7.07	8.31	1	0.46	31.09	15	12.35	1.62	8.34	23.55	1.82	20	14.31	65
International Institute of Information Technology Bangalore	5.97	23.15	14.08	15.7	6.15	3.58	0.5	0.65	24.44	15	23.8	0.4	21.32	19.61	0	20	18.8	76
R.V. College of Engineering	14	26.98	14.13	8.76	8.32	5.63	0	0.5	25.68	14.78	16.14	0.4	6.57	23.18	0.56	20	15.86	77
PES University	13.96	25.74	11.79	10.8	6.38	5.08	1.5	0.4	31.06	15	14.31	0.16	4.51	23.43	1.42	20	13.24	83
B.M.S. College of Engineering	13.7	23.1	12.48	10.34	4.67	5.92	2	0.64	23.18	14.71	15.22	0.99	6.72	23.57	1.65	20	15.35	98
Siddaganga Institute of Technology	9.84	27.92	13.72	7.91	5.74	7.3	2	0.39	29.1	12.57	11.95	0.62	4.09	24.87	0.6	20	5.55	101

NMAM Institute of Technology	12	26.31	12.57	8.24	4.26	4.72	0	0.16	24.13	15	11.35	0.32	2.37	25.34	1.01	20	4.23	138
P E S College of Engineering	8.79	29.54	13.01	9.35	0.41	0.47	0	0.16	30.68	15	10.72	0.16	5.47	29.7	5.43	20	0	139
New Horizon College of Engineering	13.5	19.51	11.1	7.64	0.25	0.75	4	0.91	34.27	15	14.5	0.7	9.06	22.49	1.69	20	3.56	141
BMS Institute of Technology & Management	10.5	20.36	10.16	8.97	1.32	3.51	0	0.05	33.84	15	10.46	0	7.97	24.6	2.02	20	13.24	152
Jain University, Bangalore	12.45	20.16	9.63	6.73	5.83	9.94	2	0.76	14.83	12.31	11.17	6.56	14.68	18.67	0.97	20	0.74	157
Nitte Meenakshi Institute of Technology	11.39	26.12	12.07	7.85	1.78	2.87	0	0.22	23.74	14.68	10.54	1.34	7.04	22.53	2.16	20	2.17	168
KLE Technological University	13.5	23	10.61	7.52	2.73	3.79	0	0.22	23.75	15	11.67	0	1.91	25.39	0.7	20	2.87	180
JSS Science and Technology University	11.52	20.49	10.67	8.03	1.81	2.34	0	0.16	25.3	14.53	11.88	1.68	1.1	25.39	3.45	20	8.68	188
C M R Institute of Technology	9.98	25.34	11.86	8.39	1.13	1.82	1	0.19	22.5	12.65	10.91	0	6.25	24.52	1.45	20	2.17	193
The National Institute of Engineering	10.5	24.04	11.15	8.1	0.86	1.18	0	0.29	24.2	15	11.75	0.08	2.86	24.13	3.5	20	4.23	196

M. S. Ramaiah University of Applied Sciences	41.22	6.1	29.84	47.17	4.23
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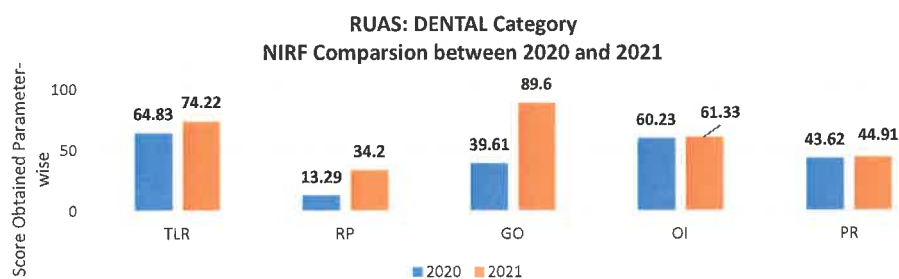
### Parameters for Assessment

S.No.	Parameters	Marks
1.	<b>Teaching, Learning &amp; Resources (TLR)</b> Ranking weight: 0.30	100
	A. Student Strength including Doctoral Students(SS): 20 marks B. Faculty-student ratio with emphasis on permanent faculty (FSR): 30 marks C. Combined metric for Faculty with PhD (or equivalent) and Experience (FQE): 20 marks D. Financial Resources and their Utilisation (FRU): 30 marks	
2.	<b>Research and Professional Practice (RP)</b> Ranking weight: 0.30	100
	A. Combined metric for Publications (PU): 35 marks B. Combined metric for Quality of Publications (QP): 40 marks C. IPR and Patents: Published and Granted (IPR): 15 marks D. Footprint of Projects and Professional Practice (FPPP): 10 marks	
3.	<b>Graduation Outcomes (GO)</b> Ranking weight: 0.20	100
	A. Combined metric for Placement and Higher Studies (GPH): 40 marks B. Metric for University Examinations (GUE): 15 marks C. Median Salary (GMS): 25 marks D. Metric for Number of Ph.D. Students Graduated (GPHD): 20 marks	
4.	<b>Outreach and Inclusivity (OI)</b> Ranking weight: 0.10	100
	A. Percentage of Students from other States/Countries (Region Diversity RD): 30 marks B. Percentage of Women (Women Diversity WD): 30 marks C. Economically and Socially Challenged Students (ESCS): 20 marks D. Facilities for Physically Challenged Students (PCS): 20 marks	
5.	<b>Perception (PR)</b> Ranking weight: 0.10	100
	A. Peer Perception: Employers & Academic Peer (PR): 100 marks	

**RUAS: NIRF Comparison of Scores parameter-wise for the year 2020 and 2021**

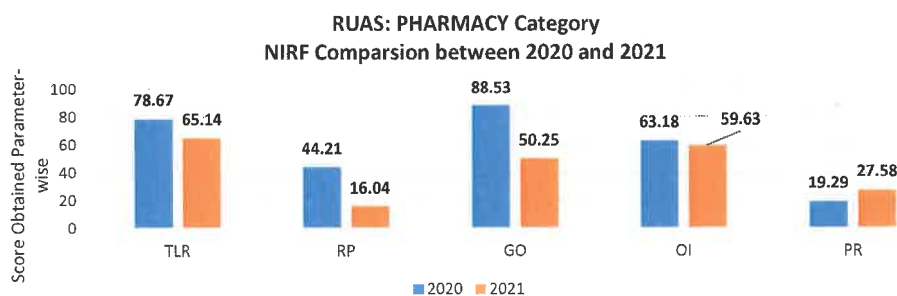
**DENTAL**

Year of Ranking	Dental Category					RANK
	TLR	RP	GO	OI	PR	
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	
2020	64.83	13.29	39.61	60.23	43.62	11
2021	74.22	34.2	89.6	61.33	44.91	15



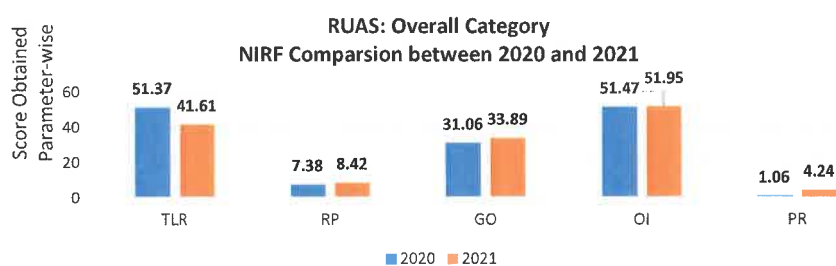
**PHARMACY**

Year of Ranking	Pharmacy Category					RANK
	TLR	RP	GO	OI	PR	
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	
2020	78.67	44.21	88.53	63.18	19.29	52
2021	65.14	16.04	50.25	59.63	27.58	52



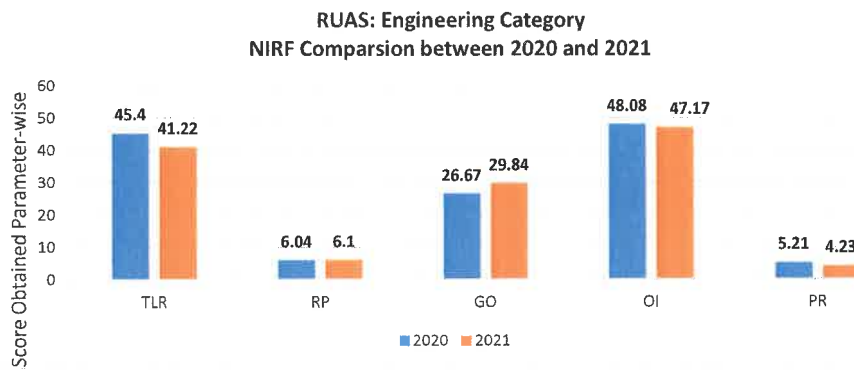
### OVERALL

Year of Ranking	Overall Category				
	TLR	RP	GO	OI	PR
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2020	51.37	7.38	31.06	51.47	1.06
2021	41.61	8.42	33.89	51.95	4.24



**ENGINEERING**

Year of Ranking	Engineering Category				
	TLR	RP	GO	OI	PR
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2020	45.4	6.04	26.67	48.08	5.21
2021	41.22	6.1	29.84	47.17	4.23



Chief, Quality Control (Academics)  
Directorate of QEPET  
M.S.Ramaiah University of Applied Sciences  
Bangalore - 560 054  
*S. Pankaj*

# **ANNEXURES 3A, 3B and 3C**



QS-ERA India Pvt Ltd is pleased to award  
**ADVANCED E-LEAD CERTIFICATE to**

**M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES  
BANGALORE, KARNATAKA**

This certificate is awarded after a rigorous audit process to validate the institution's effective implementation of advanced digital technology for teaching & learning, student centered digital services and best online academic practices.

The certification process involved rigorous data collection, evaluation, and assessment of performance metrics as set out in the methodology.

**Date of Issue: 28.06.2021**

**Valid Till: 28.06.2023**

Dr Ashwin Fernandes  
CEO, QS-ERA India Pvt Ltd

Chief, Quality Control (Academics)  
Directorate of QEPET  
M.S.Ramaiah University of Applied Sciences  
Bangalore - 560 054



**I-GAUGE**

# **INSTITUTIONAL SCORECARD**

**ADVANCED E-LEAD CERTIFIED**

E-Learning Excellence  
for Academic Digitisation



**I-GAUGE**

INDIAN COLLEGE & UNIVERSITY RATINGS

**M.S. RAMAIAH UNIVERSITY  
OF APPLIED SCIENCES  
Bangalore, Karnataka**







# EVALUATION SUMMARY

INDICATOR	TOTAL POINTS	POINTS AWARDED
<b>VIRTUAL INTERACTION</b>		
<ul style="list-style-type: none"> <li>Online forum/discussion board/chatroom ✓</li> <li>Exercises/engagement at the end of tutorial/online session ✓</li> </ul>	<b>10</b>	<b>10</b>
<b>Highlights: M.S. Ramaiah University of Applied Sciences (RUAS)</b> is engaging students and faculty in virtual interactions successfully through its LMS.		
<b>COMMITMENT TO ONLINE DEGREE/DIPLOMA/CERTIFICATION PROGRAMMES</b>		
Online degree/diploma/certification programmes offered by the institution ✓	<b>15</b>	<b>15</b>
<b>Highlights: RUAS</b> is committed to online programmes and is offering various certification courses on embedded system design, aerodynamics etc.		
<b>LEARNING AND DEVELOPMENT CENTRE</b>		
<ul style="list-style-type: none"> <li>Presence of online Learning and Development Centre ✓</li> <li>Workshops/training programmes (pedagogy/curriculum) ✓</li> <li>Access to advanced ICT training ✓</li> <li>Assessment of faculty performance (online teaching &amp; ICT) ✓</li> </ul>	<b>30</b>	<b>30</b>
<b>Highlights: RUAS</b> is successfully conducting trainings, workshops, and assessment reviews for ICT. It is recommended that the institution clearly identifies the role of each member in the L&D Center to streamline these engagements.		
<b>STUDENT-CENTRED DIGITAL SERVICES</b>		
<ul style="list-style-type: none"> <li>Online access to admissions and scholarships ✓</li> <li>Online access to career services ✓</li> <li>Access to online library/e-resources/database ✓</li> </ul>	<b>45</b>	<b>45</b>
<b>Highlights: RUAS</b> is offering various student-centred digital services such as online admissions, scholarships, career counselling services. Access to e-resources for students and faculty is verified.		

Chief, Quality Control (Academics)  
Directorate of QEPET  
M.S.Ramaiah University of Applied Sciences  
Bangalore - 560 074



# EVALUATION SUMMARY

INDICATOR	TOTAL POINTS	POINTS AWARDED
<b>BEST ONLINE ACADEMIC PRACTICES</b>		
<ul style="list-style-type: none"><li>Academic Integrity: Guidelines on plagiarism &amp; copyright ✓</li><li>Code of Conduct in an online teaching &amp; learning setting ✓</li></ul>	20	20
<b>Highlights: RUAS</b> has guidelines for online academic practices in place to ensure academic integrity and code of conduct in online teaching & learning.		
<b>PLAGIARISM SOFTWARE &amp; ONLINE PROCTORED EXAMINATIONS</b>		
<ul style="list-style-type: none"><li>Institutional subscription to plagiarism software ✓</li><li>Subscription to tool/portal for online proctoring of exams ✗</li></ul>	20	10
<b>Highlights: RUAS</b> has subscribed to plagiarism software Turnitin and using MS Teams for proctoring examinations. Subscription to a tool specifically designed for proctoring online examinations is recommended for accurate invigilation.		
<b>CLOUD-BASED E-LEARNING INITIATIVES</b>		
Institutional subscription to cloud-based technology ✓	10	10
<b>Highlights: RUAS</b> has subscribed to Office365 that provides OneDrive cloud storage access and the ERP/LMS/MIS data backup is ensured through JUNO Campus portal.		
<b>CONCLUSION</b>		
<b>Total Points Available: 150</b> <b>Qualifying Points for Certification: 120</b> <b>Total Points Awarded: 140</b>		
<b>M.S. Ramaiah University of Applied Sciences (Bangalore, Karnataka)</b> is granted Advanced E-LEAD certification after a thorough analysis of advanced digital technology systems and processes for teaching & learning, student centered digital services and best online academic practices.		
<b>Analyst: PRACHI MISRA</b> <b>E-mail: <a href="mailto:support@igauge.in">support@igauge.in</a></b>		
<b>Date of Certification: 28.06.2021</b>		
<b>License Validity: 28.06.2023</b>		



# I-GAUGE

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Malleshwaram West  
Bengaluru - 560 055, Karnataka, India



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[www.igauge.in](http://www.igauge.in)



[contact@igauge.in](mailto:contact@igauge.in)

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Chief, Quality Control (Academics)  
Directorate of QEPET  
M.S.Ramalah University of Applied Sciences  
Bangalore - 560 054





QS-ERA India Pvt Ltd is pleased to award

**M S RAMAIAH UNIVERSITY OF APPLIED SCIENCES  
BENGALURU, KARNATAKA**

with **QS I-GAUGE E-Learning Excellence for Academic Digitisation (E-LEAD) - Renewal Certificate**

This certificate is awarded after a rigorous audit process to validate the institution's effective implementation of digital technology for teaching & learning with well established IT processes.

The certification process involved rigorous data collection, evaluation and assessment of performance metrics as set out in the methodology.

**E-LEAD CERTIFIED**

E-Learning Excellence  
for Academic Digitisation



INDIAN COLLEGE & UNIVERSITY RATINGS

**LICENSE START DATE : 28 JUNE 2021**

**LICENSE END DATE : 28 JUNE 2023**

A handwritten signature in blue ink.

Ashwin Fernandes  
CEO, QS-ERA India Pvt Ltd



**RAMAIAH  
UNIVERSITY**  
OF APPLIED SCIENCES

**Report on**

**NBA Engineering: New Self-Assessment-Report (SAR)  
Preparation Guidelines - Awareness Programme**

**Delivered by:**

**Dr. P. N. Razdan**

**Principal Advisor**

**Quality Assurance Cell and Excellence, GEF(M)**

**Organized by:**


**Internal Quality Assurance Cell (IQAC), RUAS**

**Date: 29/09/2021 (Wednesday)**

**Time: 2.30 p.m. onwards**

**Venue: A206 Seminar Hall, Ramaiah Technology Campus, Peenya**

## **BROCHURE**



**RAMAIAH**  
UNIVERSITY  
OF APPLIED SCIENCES

**Internal Quality Assurance Cell(IQAC)**  
Ramaiah University of Applied Sciences, Bengaluru

**NBA Engineering: Self-Assessment-Report(SAR)**  
**Guidelines**  
**AWARENESS PROGRAMME**

**by**

**Prof. P. N. Razdan**  
**Principal Advisor,**  
**Quality Assurance and Excellence Cell, GEF(M)**

**Date:** 29<sup>th</sup> Sep'2021 (Wednesday)  
**Time:** 2.30 PM onwards  
**Venue:** A206 Seminar Hall, Ramaiah Technology Campus(Peenya)

©M. S. Ramaiah University of Applied Sciences

## **CIRCULAR**

**From:** Parameshwar S <[chief.qc@msruas.ac.in](mailto:chief.qc@msruas.ac.in)>  
**Sent:** Monday, September 27, 2021 3:14 PM  
**To:** Rajashekara Swamy H M <[dean.et@msruas.ac.in](mailto:dean.et@msruas.ac.in)>; Dr. Indira M. S. <[assodean.aa.et@msruas.ac.in](mailto:assodean.aa.et@msruas.ac.in)>  
**Cc:** Dr. Kuldeep K Raina <[vc@msruas.ac.in](mailto:vc@msruas.ac.in)>; [pnrazdan@gmail.com](mailto:pnrazdan@gmail.com) <[pnrazdan@gmail.com](mailto:pnrazdan@gmail.com)>; RAZDANPN <[razdanpn@msrhs.org](mailto:razdanpn@msrhs.org)>; Dr. Govind R Kadambi <[pvc.research@msruas.ac.in](mailto:pvc.research@msruas.ac.in)>; Prof. M Sai Baba <[msaibaba@msruas.ac.in](mailto:msaibaba@msruas.ac.in)>; Dr. Latha Anandakrishna <[dean.aa@msruas.ac.in](mailto:dean.aa@msruas.ac.in)>; Ashok C Meti <[coe@msruas.ac.in](mailto:coe@msruas.ac.in)>; Dr. Reema Chaudhury <[director.sa@msruas.ac.in](mailto:director.sa@msruas.ac.in)>; Dr. B. S. Dayananda <[bsdayananda.aae.et@msruas.ac.in](mailto:bsdayananda.aae.et@msruas.ac.in)>; Ms.Prathima K. <[ea.vc@msruas.ac.in](mailto:ea.vc@msruas.ac.in)>; Chitralekha N <[sec.registrar@msruas.ac.in](mailto:sec.registrar@msruas.ac.in)>; Anand G S <[headadmin.et@msruas.ac.in](mailto:headadmin.et@msruas.ac.in)>; Nagesh T R <[chiefmanager.ict@msruas.ac.in](mailto:chiefmanager.ict@msruas.ac.in)>; Nagaraj N <[nagarajn.it.et@msruas.ac.in](mailto:nagarajn.it.et@msruas.ac.in)>  
**Subject:** Dr P N Razdan on 29th Sep 2.30pm: NBA Engineering Self-Assessment-Preparation(SAR): Guidelines RTC, A206

Sir/Madam,

As discussed, and approved by Hon'ble Vice Chancellor, awareness programme on NBA SAR for Engineering is scheduled on 29th Sep' 21 and details are as specified below:

**Title of Seminar:** NBA Engineering Self-Assessment-Preparation(SAR): Guidelines

**Date:** 29th Sep' 21 Wednesday

**Speaker:** Dr. P. N. Razdan, Principal Advisor, Quality Assurance and Excellence Cell, GEF(M)

**Time:** 2.30 PM

**Venue:** A206 Seminar Hall, Ramaiah Technology Campus(Peenya)

Dean-E&T Office requested to communicate to all HoDs, Faculty Coordinators, faculty/staff members of E&T for making use of the session to the maximum( *poster of the event attached for circulation*)

PVC-Research, Dean-Academic Affairs, CoE, Director-Student Affairs requested to attend the seminar.

Regards

Parameshwar. S

Chief-Quality Control(Academics)

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**Speaker Profile:****Dr. P. N. Razdan****Principal Advisor - Quality Assurance and Excellence Cell, GEF(M)**

Dr. Pushpati Nath Razdan was born at Srinagar, got his M. Sc degree from University of Kashmir in 1971 and PhD degree from University of Roorkee in 1975. He was appointed as Assistant Professor at H.P. Agriculture University Solan. Dr. Razdan joined Geological Survey of India in 1983. He was appointed as Dy. Director General (Geochemistry) in Feb. 2005 and Sr. Dy. Director General in Feb 2008. As Deputy Director General and HOD NR, GSI, Ministry of Mines, GOI, for more than three years, he looked after all the geoscientific activities of Northern Region.

During his 21 years of service in GSI, his field of specialization has been Analytical Geochemistry and has worked at BRGM France on Inductively Coupled Plasma. Preparation of In-house SRM's in GSI was taken up under his Supervision. He was National Coordinator for NGCM Programme for chemical analysis and Chairman of IGCP- 470 and 506. He has been member of number of subcommittees for the preparation of draft documents for various standards in BIS.

Dr. Razdan joined All India Council for Technical Education as Adviser-I in April 2001. He looked after various Bureaus, before joining as Advisor Quality Assurance (QA) and Member Secretary (NBA). As Member Secretary of NBA, he was responsible for Awareness of accreditation throughout the country. Application for membership of Washington accord was submitted by Dr. Razdan at New Zealand in 2004. Nominated as member of General Council & Executive committee of National Board of Accreditation

Dr. P. N. Razdan has published many research papers in various Journals of International repute. He was awarded H. K. Sen. Memorial Medal in 2006 by Institution of Chemist. He was nominated as member of "High Power Committee on GSI" constituted by GOI. Ministry of Human Resource had appointed him as chairman of a Review Committee for evaluating the Ministry's Schemes of Sub-Mission on Polytechnics.

Dr. Razdan was Pro Vice Chancellor of KIIT University Bhubaneswar for about 2 Years.

Dr P. N. Razdan joining Dr. D. Y. Patil Vidyapeeth Pune as Vice-Chancellor in 2010 and relinquished his assignment on 31st Dec 2018. He was responsible for leading, directing, and managing day-to-day academic and administrative operations of DPU along with providing strategic planning and leadership to the Vidyapeeth. He ensured that highest standards of academic quality are achieved to fullest possible extent. His contribution as Vice-Chancellor of DPU can be viewed by the academic accolades achieved by Dr D.Y..Patil Vidyapeeth Pune during his tenure of last eight & half years

Dr Pushpati Nath Razdan has joined Gokula Education Foundation, Bangalore as Principal Advisor, Quality Assurance and Excellence cell in January 2019 to look after total quality management of the institutions for national and international visibility, through accreditation, rating, and ranking.

***Quality Assurance and Excellence Cell (QAEC) has been established to create quality culture in various institutes of Ramaiah, to enhance the academic ambience in the whole group. The core responsibility of the cell is pre-accreditation exercise and to develop a system for conscious, consistent, and catalytic improvement in the overall performance of the institution at all levels and provides a sound basis for necessary quality changes to build an organized methodology of documentation.***



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## **A Report on**

# **NBA Engineering Self-Assessment Report (SAR) Preparation Guidelines - Awareness Programme**

### **Introduction:**

Internal Quality Assurance Cell, Ramaiah University of Applied Sciences organized a seminar to create awareness on **NBA Engineering Self-Assessment Report (SAR) Preparation Guidelines** delivered by **Dr. P.N. Razdan**, Principal Advisor, Quality Assurance and Excellence Cell, GEF (M) on **29<sup>th</sup> Sept' 2021** at Ramaiah Technology Campus (Peenya) to all Faculty members including HoD's, Dean, Associate Dean of Faculty of Engineering and Technology. PVC-Research, Dean-Academic Affairs, Controller of Examination, members from Student Affairs, Quality Assurance staff have also attended the seminar.

### **Proceedings:**

Prof. Rajasekhar Swamy, Dean-FET welcomed the gathering. Hon'ble Vice Chancellor Prof K. K. Raina introduced the speaker and highlighted the theme of the session and its relevance in the present importance of accreditations and rankings for Higher education institutions (HEI's). He also has highlighted how traditional way of transmission of knowledge transformed over the time and Higher education institutions need to incorporate quality initiatives for sustainable development on par with other institutions at national and global level. He insisted Dean, FET to choose any three departments to undergo NBA accreditation based on the resources readiness of the departments. He also suggested all HoDs to be ready for NBA accreditation by identifying their department weaknesses and subsequently strengthening through filling the gaps identified. He also opined that RUAS has all basic infrastructure and Human Resources, but the gaps need to be tracked and awareness should be developed among the employees about the importance of accreditation status for any HEIs. Dr. P. N. Razdan, in his opening remarks insisted all HoDs to be more serious towards NBA accreditation and motivated them to take up ownership and come to the front stage acquiring accreditations to bring in visibility in national and international forums.

Dr. P. N. Razdan during his talk gave insight to meaning of approvals and accreditations, their importance, NBA objectives, Washington Accord (Tier-1 Institutes), pre-qualifiers and in descriptive **explained ten criteria of NBA Self-Assessment-Report (SAR)**

He has also explained the difference between NAAC and NBA accreditations, the need of Outcome Based Accreditation, meaning of outcome-based teaching and learning, Outcome Based Assessment, attainment and assessment of Cos and POs. He gave examples of well-defined Cos, POs and PEOs and explained how they are different to each other.

He also explained about the compliance status of any department with its institutions vision, mission, PEOs of the department and its consistency with the mission, required percentage of Ph.D. holders at department level, Faculty – Student ratio, student support system, program specific budget allocation and its utilization.

At the end of his talk, he motivated everyone present there through a statement **“A small truth to make life 100%”**, i.e. If A to Z is equal to 1 to 26, then it is not the hard work or knowledge or money or leadership but it's our ATTITUDE towards life and work makes our Life 100%. If we want to go further, we need to change our attitude to reach 100% level achievement.

On this occasion, Registrar Prof. M. Sai Baba spoke about the need of accreditation and its importance and Pro Vice Chancellor-Research Prof. Govind Kadambi delivered vote of thanks assuring the leadership team of RUAS that utmost effort will be channelized to get the best output.

#### **Outcomes:**

An exposure on complete overview of all criteria's of NBA was made aware to all the stakeholders and introspect the preparedness of SAR. The programme showed pathway on strategizing approach to be employed in NBA Accreditation process of Engineering

The event was attended by 68 participants and the recording of the event is available on the link: [https://msruas-my.sharepoint.com/:f/g/personal/bnnagaraja\\_it\\_et\\_msruas\\_ac\\_in/E52swHyxd-hFjGV1oSfG9C4Bwl6KTWlrO2V34PNnP5GwHA?e=TwYpyQ](https://msruas-my.sharepoint.com/:f/g/personal/bnnagaraja_it_et_msruas_ac_in/E52swHyxd-hFjGV1oSfG9C4Bwl6KTWlrO2V34PNnP5GwHA?e=TwYpyQ)

**To Whomsoever It May Concern**

I, certify that about 68 participants were there for the seminar **NBA Engineering Self-Assessment Report (SAR) Preparation Guidelines - Awareness Programme** held on **29<sup>th</sup> September 2021**, at A206 Seminar Hall, Ramaiah Technology Campus (Peenya), Ramaiah University of Applied Sciences, Bangalore.

**Organizing Committee**

**Date: 29<sup>th</sup> September 2021**

Mr. Parameshwar S  
Member Secretary, IQAC  
Ramaiah University of Applied Sciences


**RAMAIAH  
UNIVERSITY**  
OF APPLIED SCIENCES

## Internal Quality Assurance Cell (IQAC)

### Attendance Sheet


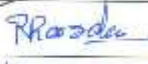
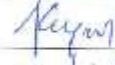
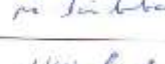










#### Seminar on NBA Engineering Self-Assessment-Preparation (SAR): Guidelines

**Speaker:** Dr. P. N. Razdan, Principal Advisor, Quality Assurance and Excellence Cell, GEF(M)

**Date:** 29<sup>th</sup> Sep' 21

**Venue:** A206, Seminar Hall, Ramalah Technology Campus(Peenya Campus)

**Time:** 2-30 PM

Sl. No	Name	Designation	Signature
1	Prof. K. K Raina	Vice Chancellor	
2	Dr P. N. Razdan	Principal Advisor - Quality Assurance and Excellence Cell	
3	Dr. Govind R Kadambi	Pro-Vice Chancellor -Research	
4	Prof. M. Sai Baba	Registrar	
5	NITHIN RAO R	Assistant Professor - CSE	
6	CHAITRA S	Assistant Professor - CSE	
7	Akshayakumar	Assistant Professor - Civil	
8	YATEEN LORESH	Asst PROFESSOR - CIVIL ENGINEER	
9	Dr. Harshad R. Parate	Associate Prof. - Civil Eng	
10	Nikhil.T.R.	Assistant professor DEPT- of Civil Eng FET	
11	SUPRIYA M.S	Assistant professor - CSE	
12	PALAVI R KUMAR	Assistant Professor - CSE	
13	Dr. Rinki Sharma	Associate Prof - CSE	
14	Ani Rav E	Assistant Professor - CSE	

Page 1 of 4

15	Naveeta Rani	Assistant Professor, CSE	Naveeta
16	Hani Krishna SM	Assistant professor, CSE	Hani Krishna
17	Balappa B. U	Assistant Professor MME	Balappa
18	Vijaya Kumar S	Asst. Professor, MME	Vijaya
19	V.R.KIRAN	Asst. professor, Aerospace	V.R.KIRAN
20	Dr. Gopalakrishna	Asst. professor Aerospace	Gopal
21	Sandeep N	" MME	Sandeep
22	Shrikrishna Badiger	Asst. Prof. MME	Shrikrishna
23	Chethan Gonda Rk	Asst. prof. Civil Engg.	Chethan
24	Manish Haveri	Asst Prof. Civil Engg	Manish
25	DIVAKAR L	Asst. Prof. Civil Engg	Divakar
26	Naveenkumar S	Asst Prof. Civil Engg	Naveenkumar
27	Sushma R	Asst Prof. Civil Engg	Sushma
28	N.S.Chandrasekhar	Asst. Professor, Civil Engg.	N.S.Chandrasekhar
29	Dr. Anitha Kumari S D	Asso. Professor, Civil Engg	Anitha
30	Dr. Shashank V	Asst. Professor, Aerospace	Shashank
31	Dr. B.R. Karthikeyan	Associate Professor	B.R. Karthikeyan
32	VISHWANATH K	Asst. Professor	VISHWANATH
33	Dr. R.V. Kulkarni	Professor in ECE, FET	Dr. R.V. Kulkarni
34	D. Purthandhi	Associate Prof, ECE	D. Purthandhi
35	Dr. B.S. Dayanand	Associate Prof, MME	Dr. B.S. Dayanand
36	Dr. Anantha Iyengar	Asst. Prof.	Anantha
37	Dr. M.C. MURUGESH	Associate Prof, MME	M.C. MURUGESH
38	Dr. N.C. Mahendran	Associate professor MME	Dr. N.C. Mahendran



39	PVR Murthy	Professor, Dept of CE	PVR
40	Dr. A.T. SRIRAM	Associate Professor, Dept of AE	A.T. Sriram
41	Monish Gowda M.H	Assistant Professor, Aerospace Dept 2	Monish
42	Dr. M. SIVAPRAGASAM	ASSOC. PROF. ASE	M. Sivaprasam
43	Dr. Raja R	Professor, Aerospace	Raja R
44	Dr. T.N. Srikanth Das	Professor, HME	T.N. Srikanth Das
45	Dr. H.R. Suresh	DEAN (I/D), H RUDAS	H.R. Suresh
46	Dr. M.S. Sudhara	Associate Dean FET	M.S. Sudhara
47	Dr. Late Anandhinish	Dean Academic Affairs	Anandhinish
48	Divya Kiran	Asst Prof - ECE	Divya Kiran
49	Dr. P.V. Vijay	Prof. ASE	P.V. Vijay
50	Prof. Ashok C. Mehta	COE	Ashok C. Mehta
51	Dr. J. Suresh	ECE	J. Suresh
52	Dr. K. Manickavasagar	Professor EE	K. Manickavasagar
53	Dr. Suresh R	HME	Suresh R
55	Dr. SUNIL Y	ECE	Sunil Y
56	Abhilash N	HME	Abhilash N
57	Dr. Sankar	AAC	Sankar
58	Dr. Malathi	HOD ECE	Malathi
59	NARASIMHA MURTHY KR	CSE	Narasimha Murthy KR
60	Dr. Jayahar S	AAB	Jayahar S
61	Dr. Nayana N. Padil	CE - Associate Prof	Nayana N. Padil
62	Dr. T. CHRISTY BOBBY	ECE, Associate prof	T. Christy Bobby
63	Praveen Kumar V	EE	Praveen Kumar V

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### EVENT PHOTOS













## Meeting Report

**Date: 20<sup>th</sup> May 2022**

**Venue: A 206, Board Room, RTC, Peenya**

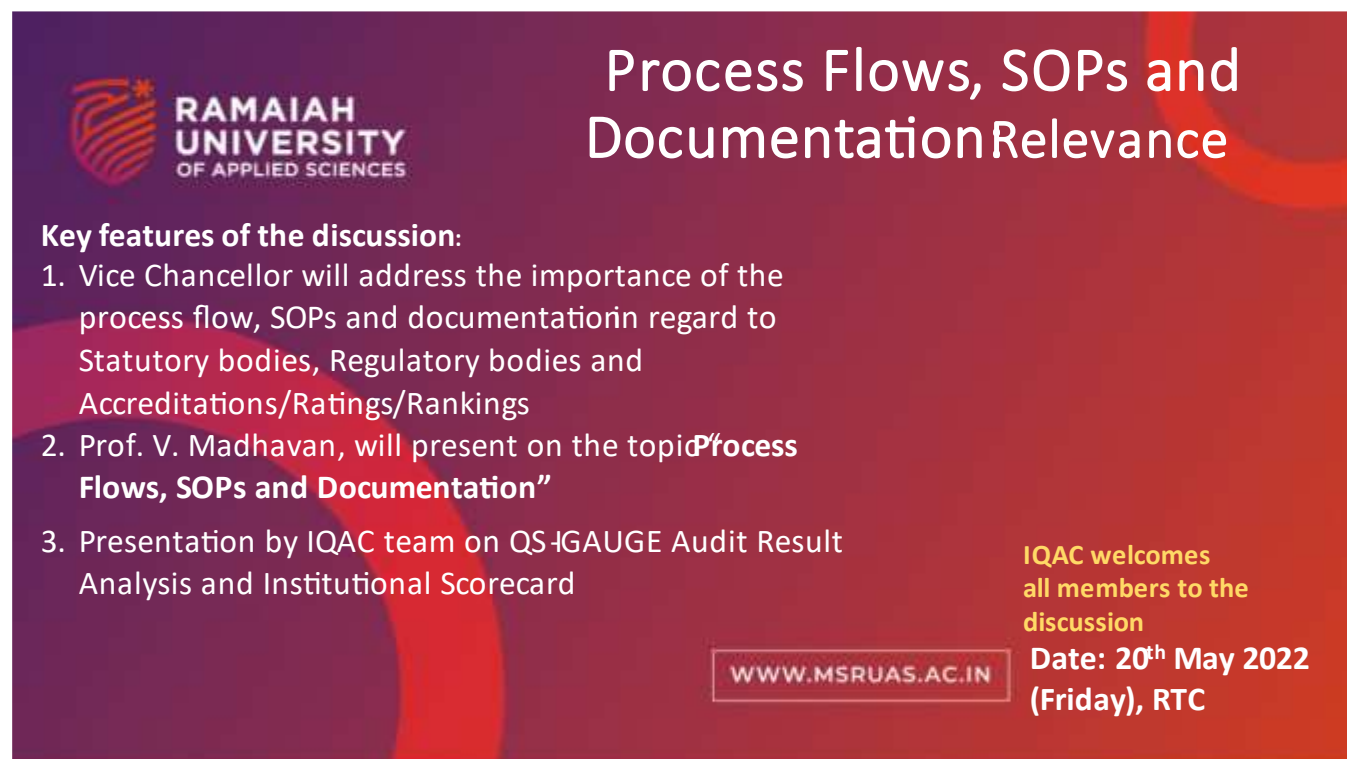
**Time: 10.30 am**

**Agenda: Awareness of Relevance of process flows, SOPs and Documentation**

**Key features of the discussion:**

1. Vice Chancellor addressed the importance of the process flow, SOPs and documentation in regard to Statutory bodies, Regulatory bodies and Accreditations/Ratings/Rankings
2. Prof. V. Madhavan, presented the importance of “Process Flows, SOPs and Documentation”
3. IQAC team presented QS I-GAUGE Audit Result Analysis and Institutional Scorecard

**Invitation:**



The banner features the RAMAIAH UNIVERSITY OF APPLIED SCIENCES logo on the left. The main title 'Process Flows, SOPs and Documentation Relevance' is displayed in large white text on a dark red background. Below the title, the 'Key features of the discussion' are listed in white text. A yellow text box on the right side of the banner contains the invitation message and the date. At the bottom, a white box contains the website address.

**Process Flows, SOPs and Documentation Relevance**

**Key features of the discussion:**

1. Vice Chancellor will address the importance of the process flow, SOPs and documentation in regard to Statutory bodies, Regulatory bodies and Accreditations/Ratings/Rankings
2. Prof. V. Madhavan, will present on the topic **“Process Flows, SOPs and Documentation”**
3. Presentation by IQAC team on QS I-GAUGE Audit Result Analysis and Institutional Scorecard

**IQAC welcomes all members to the discussion**

**Date: 20<sup>th</sup> May 2022 (Friday), RTC**

[WWW.MSRUAS.AC.IN](http://WWW.MSRUAS.AC.IN)

**Members Present:**

Respective Deans of Faculty, Directors, HoDs of FET, FMPS, FAD and Functional Heads of various administrative units have attended the meeting (Meeting attendance sheet attached at the end of the document)

## **Proceedings**

1. Sh. Parameshwar, Member Secretary IQAC, welcomed all participants and briefed on the key points of the meeting which is the outcome of the recently conducted internal Academic and Administrative Audit (AAA) at RUAS, where effort was made to streamline the processes, SOPs and documentation procedures at university level, Faculty level and Department level.
2. The Hon'ble Vice Chancellor has initiated the discussion and highlighted the importance of IQAC in any institution to make the system more vibrant and to fine tune the processes. He emphasized on the importance of conducting AAA frequently for the stabilization of the institution. At this juncture he insisted everyone to work towards quality parameters to provide good quality education.
3. The Vice Chancellor has remarked on the importance of Accreditations for a growing university and national and international acclamations, assessments, rankings play an important role to make an University a wholistic existence entity.
4. The Vice Chancellor has thanked the internal Audit Team members and summarized the observations of the Internal AAA and reflected on the improvements to be made to fill the gaps identified during the Audit process.
5. The Vice Chancellor has reflected on the role of HoDs in a department in strengthening its Faculty members and proper documentation of the departmental activities (notices, circulars, reports). He insisted on responsibility of HoDs for pass percentage and analysis on the fall in pass percentage and counselling of students for the same.
6. The Vice Chancellor has also reflected on the role of Deans, being relatively senior people in the Faculty, they must be able to bring their thought process to best utilize the man power resources and set for big outcomes than the Accreditation bodies set for an institution. He insisted all Deans and HoDs for review of Internal AAA reports for non-compliances and to fill the gaps identified by the Audit team at the earliest.
7. Dr. Madhavan as an introductory note he highlighted on the how strong academic background of an institution leads to academic excellence in creating successful and skilled students.
8. Dr. Madhavan has presented the list of recognized educational Accreditation and Ranking organisations and highlighted the importance of documentation and adherence to the SOPs in Accreditation processes. He has briefed up the parameters they concentrate on while assessing an institution.
9. He has reflected on process flow at Faculty level and Department level and presented the list of committees to be formed and insisted on proper documentation of each committee proceedings. He has displayed the sample SOP and logbook of a Faculty maintained in its one of Labs.
10. In the last session, Sh. Parameshwar has briefed on the recent submission of Data from IQAC for NIRF, NBA, AISHE, ARIIA, AIU, India Today Ranking etc. with the help of all stakeholders. He has insisted that in future University has to go for many more Accreditations and Rankings and the coordination of all stake holders is very much essential in this regard.
11. He has presented the QS I – GAUGE Audit ranking for RUAS as Gold and analysis of the institutional score card on core criteria, Research and Innovation and Overall summary.
12. The Vice Chancellor has discussed on each core criteria and reflected on hoe to strengthen them. He insisted to conduct bimonthly meetings at University level before going to next QS I – GAUGE rating so that University can enhance its capabilities to reach the next higher level of ranking.
13. Dr. Govind R Kadambi concluded the session with the remarks that proper introspection and involvement of all towards fulfilling the goal set will definitely leads to success in achieving excellence.

## **Session Outcomes:**

All members present understood the importance of process flows, SOPS to be adhered and documentation to be maintained at each designated level.



## Attendance Details:



### Internal Quality Assurance Cell (IQAC)

#### Attendance Sheet

Date: 20.5.2022

Venue: A 206, RTC Campus

Time: 10.30 am

Agenda: Process flows, SOPs and Documentation: Relevance – Address by Vice Chancellor

Sl. No	Name	Designation	Signature
1	Dr. Kuldeep K Raina	Vice Chancellor	
2	Dr. Govind R. Kadambari	PVC - Research	
3	Dr. Arindya Sen	School of PVC - Social Science	
4	S. Harath Kumar	Under-Grad Head - FMC	
5	Dr. Soma Chakraborty	Asst. Dean - Acad. Affairs	
6	Dr. Vikas M. Shukla	Dy. CoE	
7	Dr. G. Lakshmi	CoE	
8	Dr. Reema Chaudhary	Director - Student Affairs	
9	Ms. Rashmi R.	Assistant Professor - FMC	
10	PREMA. N.	Asst. Dir. - CoE	
11	GOUTHAM. N.	Asst. Manager, Data Center	
12	Dr. Pratikumar	HoD, physics	

Page 1 of 3

13	Leet H.P.	HoD, ID, FAD	
14	Dr. N. Varigana Prabu	HoD, Chemistry	
15	Dr. B.S. Dayanand	MME	
16	Dr. M.C. MURUGESAN	MME	
17	Dr. S. ANJALATH	EECE	
18	Dr. S. Eshwara	DEAN - FET	
19	Dr. Rishi Sharma	CSE	
20	Dr. Nitya N. Reddy	CE	
21	Dr. Purnima Choudhary	CSE	
22	Dr. V. G. Mahalingam	EECE	
23	V. Praveen Kumar	EE	
24	Dr. Shivamurthy	PHY	
25	Dr. Harshad	Civil	
26	Nagendra N.	Manager - ICT	
27	Lohith S.	Asst. Manager - Facilities	
28	Kirithan Kumar	Sr. Executive	
29	Anand G.S.	Manager - Hostel	
30	Dr. Mamatha C. Reddy	HoD, Faculty of Engineering	
31	Chandankumar S.	Head, Mathematics & Statistics	

Page 2 of 3

32	Dr. A.T. Saravaram	HoD - Aerospace Engg	
33	Dr. V. S. S. S. S.	Dr. D. S. S. S.	
34	Mr. Jyoti Shankar	Dr. D. S. S. S.	
35	Nagesh T.R.	Chief Manager - ICT	
36	Dr. S. S. S. S.	Dr. D. S. S. S.	
37	Dr. S. S. S. S.	Dr. D. S. S. S.	
38	Dr. V. S. S. S.	Dr. D. S. S. S.	
40	Parameshwari	Chief - QAC	
41	Dr. S. S. S. S.	Dr. D. S. S. S.	
42			

## Session Photos:

