

**Agenda: 5<sup>th</sup> IQAC Meeting to be Held on 9 Jan 2020**

**5<sup>th</sup> IQAC (A): Confirmation of minutes of 4<sup>th</sup> meeting of IQAC.**

The minutes of 4<sup>th</sup> IQAC meeting which was held on 18 November 2020 were circulated.

**5<sup>th</sup> IQAC (B): Review of Action Taken on Minutes of 4<sup>th</sup> Meeting of the IQAC.**

Sr. No.	Agenda	Suggestions made / Decisions taken	Action taken
4 <sup>th</sup> IQAC .C. 1	<p>a) Capt. Sameer H Pande, (Retd) General Manager Human Resources, Heromotocorp, has been appointed as member of IQAC against the vacant position of Mr Abhinav Gera, in the category of "One / two nominees from Employers / Industrialists / stakeholders", for a period of two years.</p> <p>b) Ms. Suneet Soni, CoE, BMU, has been appointed as member of IQAC, in the category of "A few Senior Administrative Officers," for a period of two years.</p> <p>c) Mr Hitkul, an alumnus from CSE (2014 18) B. Tech has been appointed as member of IQAC, in the category of "Nominee from local society, industrialist</p>		Action completed.



	<p>/stake holders,” for a period of two years.</p> <p>d) Mr. Shiladitya Rakshit, Asst. Professor, School of Law, has been appointed as member in teacher’s category, for a period of two years.</p>		
<p>4<sup>th</sup> IQAC .C. 2</p>	<p><b>Student Success Rates:</b> Student Success Rates in last three years will be presented to IQAC, based on the existing factors of Student success rate. Success Index = (Number of students graduated from the program without backlog) / (Number of students admitted in the first year of that batch).</p>		
<p>4<sup>th</sup> IQAC .C. 3</p>	<p><b>Feedback Mechanism: Classroom Observation Peer to Peer Teaching observation review:</b> BMU has evolved a feedback mechanism for Peer to Peer Teaching observation method for improving the professional growth of the faculty. In this process, each faculty member is paired with another faculty member (buddy) and they both are required to sit through each other's sessions. Thereafter - basis the experience gained in observing their buddies and being observed themselves - in a constructive feedback review session, they discuss their strengths and improvement areas with their buddies and write their reflections on developmental changes they would bring in their own teaching pedagogies</p>		

4 <sup>th</sup> IQAC .C. 4	<p><b>Creating a Research Culture in the University:</b> 2 externally funded projects (worth Rs. 29 lac) and 3 consultancy projects (worth Rs. 27 lac) are ongoing. 5 externally funding research projects amounting to 1.09 Cr have been completed. The faculty and students of BMU have filed 43 patents including 02 design patents in last one year. 07 faculty projects have been granted seed money amounting to Rs 21 Lac in this financial year. 19 startups are registered. 43 papers in indexed journals, 34 Conference publications last one year. 56 Case publications, 20 book and books' chapters since have been published by the faculty members.</p>		
4 <sup>th</sup> IQAC .C. 5	<p>a) Outcome Based Education (OBE): This will help the faculty to Finalize learning outcomes and performance indicators for each course.</p> <p>b) Examination reforms.</p>		Action completed
4 <sup>th</sup> IQAC .D. 1	<p><b>Review of the Existing Feedback Forms:</b> As per the NAAC requirement and also to enrich the curriculum offered by the respective schools, the structured feedback (Criteria 1.4.1 NAAC application) is to be</p>		Action in hand



	<p>obtained from the following stakeholders:</p> <ul style="list-style-type: none"> <li>a) Students</li> <li>a) Faculty/Teachers</li> <li>b) Employer</li> <li>c) Alumni</li> <li>d) Parents</li> </ul> <p>The type of formats adopted, the frequency of obtaining the feedback, the analysis of the feedback and the decisions taken on feedback for each of the above categories will be reviewed</p>		
4 <sup>th</sup> IQAC .D. 2	<p><b>Improving Quality in Education:</b> To ensure better employability, critical thinking, collaboration and communication skills of the graduates, a need is felt to adopt multi-disciplinary approach, Library research projects, integrated projects involving basic sciences and one mini project in each semester including multi-disciplinary projects. Students to be encouraged to undertake Industry oriented project in all programs, to acquire certifications and additional qualifications through MOOCs and to write papers, could be in an in-house journal. Also, introduce competitions involving technical aspects as a regular feature on the campus.</p>		
4 <sup>th</sup>	<b>Some Measurable Parameters Regarding</b>		



<p>IQAC .D.3</p>	<p><b>Steps To be Taken To Improve Quality of Education, as under, are placed before the IQAC for deliberations:</b></p> <ul style="list-style-type: none"> <li>a) Each faculty to Publish at least one paper in an Academic Year.</li> <li>b) Each student to pursue at least one MOOCs in an Academic Year: Preferably, faculty should also take up the same MOOC. This practice could be adopted initially. Later the faculty could take up advanced MOOCs separately.</li> <li>c) Students to acquire professional certifications in line with development in industry.</li> <li>d) Each Department to prepare list of certifications, that would be acquired by students, in Academic Year 2020-21.</li> <li>e) Faculty members to learn the art of conducting discussions and guiding projects. Each faculty member to prepare a list of at least 10 mini projects that could be taken up by students. Mini projects to be introduced in each semester. Some projects to have multi-disciplinary approach – to be assigned to advanced learners.</li> </ul>		
----------------------	---	--	--



	<p>f) HoDs and Deans to monitor that the aspects related to application of knowledge, analysis, evaluating and creativity are part of curriculum.</p> <p>g) Question papers to be so designed that the complete spectrum of learning like remembering, comprehension, application of knowledge, analysis, evaluating and creating is covered</p> <p>h) List and plan for in-house journals to be published with effect from Academic year 2020-21 to be prepared.</p> <p>i) Adopt OBE for all programmes.</p> <p>j) Obtain membership of IUCEE and invite faculty from abroad to train our faculty.</p> <p>k) Each Department to submit at least two proposals for research grants to various funding agencies.</p> <p>l) Each faculty member to publish at least one paper in a reputable journal. At least 50% faculty should be guiding Ph.D scholars. In-house journals to have reports on topics covered during seminars conducted by Departments.</p> <p>m) Deans to discuss and finalize list of</p>		
--	---	--	--



	international journals to be subscribed		
	n) Initiate joint research projects with some foreign universities.		
	o) Each Department to initiate at least one consultancy projects with local industry.		

Placed before the IQAC for reporting.

#### **5th IQAC (C): Reporting and Ratification items**

**C-1 NIRF Ranking 2020 Management:** BML Munjal University had participated in NIRF ranking 2020 in Management & across the India got 37<sup>th</sup> position.

#### **C-2 Composition of NAAC team for compilation of data:**

**Completion of NAAC, IQAC has formed a 8 team members**

- 1. Extended Profile:** Lead by Dr. Vijay Prakash Sharma
- 2. Criterion I:** Curricular Aspects lead by Dr. Ajay Kr. Sood
- 3. Criterion II – Teaching-Learning and Evaluation** lead by Dr. Shuvabrata Bandopadhaya
- 4. Criterion III – Research, Innovations and Extension** lead by Dr. Harish Puppala
- 5. Criterion IV – Infrastructure and Learning Resources** lead by Dr. Rishi Asthana
- 6. Criterion V - Student Support and Progression** lead by Dr. Lalit Kumar Sharma
- 7. Criterion VI – Governance, Leadership and Management** lead by Dr. Vivek Sehrawat
- 8. Criterion VII – Institutional Values and Best Practices** lead by Dr. Atul Mishra

**Placed before the IQAC for reporting.**

**C.3. NAAC-2020 External Audit Conducted:** IQAC conducted the audit of NAAC preparedness carried out on 13-15 August 2020 by the following external experts:

**Prof Rajesh Solanki**, Director Quality & Compliance, Manipal University Jaipur.

**Prof Pritam Singh Grover**, Director General, GTB Institute of Technology, Guru Gobind Singh Indraprastha University, Delhi.

**Prof Nasib Singh Gill**, Professor Computer Science, MDU Rohtak.

During the audit, the observations/comments/suggestions were made against each metric & Extended profile of the University.

All observations/comments/suggestions ([Annexure I](#)) have been circulated among the Dean SoET, Dean Education Quality & NAAC team leader.

**Placed before the IQAC for reporting.**

**C.4. Preparing for applying QS IGAUGE rating**

**Placed before the IQAC for reporting.**

**C.4.** IQAC has conducted following webinars during the lockdown due to Covid-19 pandemic situation:



**1. NAAC awareness cum prework seminar conducted on 29<sup>th</sup> May 2020**

**Resource Person** - Professor Rajesh Solanki, Professor of Automotive Engineering and Director Quality Compliance at Manipal University Jaipur, Jaipur, Rajasthan, India

**2. Impact of Global Pandemic on the world of Engineering conducted on 03<sup>rd</sup> June 2020**

**Resource person** - Ms Sampada Pachaury, Member, Global Industry Advisory Forum, Indo Universal Collaboration for Engineering Education (IUCEE).

**3. Catalyzing Research Through Effective Assessment conducted on 3<sup>rd</sup> July 2020**

**Speakers:**

**Dr. (Mrs.) Chitra Rajagopal**- Distinguished Scientist, Director General (RM& Impl), DRDO, Ministry of Defence, New Delhi

**Prof. (Dr.) S.K. Kak**-Former Vice Chancellor, CCS University, Meerut, Mahamaya Technical University, Noida, Jaypee University of Information Technology

Session moderated by- **Dr. Vandana Suhag**, Dean- Education Quality, BML Munjal University

**4. Faculty members nominated for IUCEE course commence from 27<sup>th</sup> July 2020:**

To attend the online teaching course, being organized by IUCEE. The Course is of six weeks duration and will cover the following 8 modules. 1) Motivating Students 2) Using Learning Management Systems (LMS) 3) Pre-Recording Lectures 4) Conducting Live Lectures 5) Storing and Sharing Course Content 6) Strategies for Student Engagement 7) Assessment and 8) Virtual Labs. The course will consist of three one-hour online sessions every week (Mon, Wed and Fri at 7:30 pm IST) and will include regular assignments to be submitted by participants.

**Following faculty members selected for IUCEE course:**

1. Dear Dr. Y. Sridharbabu
2. Dr. Nandita Choudhary
3. Dr. Kiran Khatter
4. Dr Amarnath Bheemaraju
5. Dr. Surya Prakash
6. Dr. Abhimanyu S. Rana
7. Dr. Yogesh Gupta
8. Dr Kavita Chawla
9. Mr. Adnan Hussain

**4. Amplifying Entrepreneurial and Innovative Culture in Higher Education  
conducted on 6<sup>th</sup> August 2020**

**Panelists:**

1. **Dr Anita Gupta** : Scientist - G / Adviser & Head - NSTEDB, Department of Science and Technology (DST), Ministry of Science & Technology, Government of India.
2. **Prof Sandeep Sancheti** : Vice-Chancellor, SRM IST (Formerly SRM University) Chennai, Former President, Association of Indian Universities (AIU), New Delhi.
3. **Prof Vishal Talwar** : Dean School of Management, Director of Innovation and Entrepreneurship, BML Munjal University, Gurugram.

In conversation with : **Prof Vandana Suhag**, Dean Education Quality, BML Munjal University, Gurugram



Placed before the IQAC for reporting.

#### **C-5 Establishment of Virtual Centre of Cyber Security and IoT (VICSIT)-**

One of the objectives of BMU is to initiate and support cutting edge research and development in niche areas of science and engineering. Keeping in sync with the vision and mission of the university to innovation, inquiry and impact, **we are immensely pleased to announce the setting up a Virtual Centre of Cyber Security and IoT (VICSIT)** in the School of Engineering and Technology at BMU. The aim of the centre is to unwire and digitise the cyber space and provide affordable solutions both in the areas of cyber security and Internet of things. The centre will look at coordinating with various stake holders, both within and outside BMU to fulfil the laid down objectives, in the two broad areas of Cyber Security and Internet of Things, which may include:

- Nurturing deep technology understanding through involvement of students, professionals and associated communities
- Multiplying Research and Development activities
- Enhancing Technology stack of related products
- Monetisation and Commercialisation of related products

The following working group is constituted to initiate activities under the Virtual Centre of Cyber Security and IoT (VICSIT):

1. Dr. Purnendu Pandey	Coordinator
2. Dr. Goldie Gabrani	Member
3. Dr. Amiya Dash	Member
4. Dr. Rajiv Dey	Member
5. Dr. Rajesh Yadav	Member
6. Dr. Surya Prakash	Member



Placed before the IQAC for information.

**4<sup>th</sup> IQAC (D): Discussion & Decision items:**

**Discussion Points:** The points to be taken up for discussion during the 5<sup>th</sup> meeting of IQAC are as under:

**D.1.**

Placed before the IQAC for discussion.

**D.2.**

Placed before the IQAC for discussion

**D.3.**

**4<sup>th</sup> IQAC (E): Any Other Matter with the Permission of the Chair**