



## B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous institute, affiliated to VTU

### ACADEMIC COUNCIL | MEETING # 20 | 12.08.2022 | MINUTES

MINUTES OF THE MEETING OF TWENTIETH ACADEMIC COUNCIL HELD ON  
12.08.2022, BOARD ROOM, PLATINUM JUBILEE BLOCK, BMSCE.

#### MEMBERS PRESENT:

Dr. S. Muralidhara	Chairman
Dr. K. Rajanikanth	Member
Dr. Satish V. Kailas	Member
Mr. Aravind Kamath	Member
Dr. Suresh Ramaswamyreddy	Member
Dr. Bheemsha Arya	Member
Dr. K.J. Rathan Raj	Member
Dr. H.N.Suma	Member
Dr. B. Ravishankar	Member
Dr. Abhishek M. Appaji	Member
Dr. B.R Shambhavi	Member
Dr. S. Pradeepa	Member
Dr. H.B. Nagaraj	Member
Dr. A.N.Nagashree	Member
Dr. Giridhar G.	Member
Dr. Rammohan Y.S.	Member
Dr. Siddappaji	Member
Dr. B.R.Ramji	Member

Dr. Jyothi S. Nayak	Member
Dr. Jayarekha P.	Member
Dr. Gowrishankar S.	Member
Dr. N. Srinivasa Rao	Member
Dr. Sathosh R. Desai	Member
Dr. Suneetha Y.K.	Member
Dr. Joshi Manisha S.	Member
Dr. Chandra Prasad M.S.	Member
Dr. Murugendrappa M.V.	Member
Dr. M.S.Dharmaprakash	Member
Dr. Veena Jawali	Member
Dr. S.Manoharan	Member
Dr. Ch. Ram Mohan Reddy	Member
Dr. S. Srinivas	Member
Dr. Saisha Vinjamuri	Member
Ar. Neetha S.N.	Invitee
Dr. J Sharana Basavaraja	Invitee
Dr. Kanmani B.	Member Secretary

At the outset, Dr. S. Muralidhara, Principal - BMSCE and Chairman, Academic Council extended a cordial welcome to all the members/invitees, to the twentieth meeting of the Academic Council.

The Principal then introduced the following newly inducted members:

1. Dr. Suresh Ramaswamyreddy, Vice Principal (Admin)
2. Dr. Bheemsha Arya, Vice Principal (Academic)
3. Dr. B. Kanmani (Dean Academics)
4. Dr. K.J. Rathan Raj, Dean Student Affairs
5. Dr. Mamatha M.N., Dean First Year B.E.
6. Dr. B. Ravishankar, Controller of Examinations
7. Dr. B.R. Shambhavi, Chief Coordinator, IQAC
8. Dr. S. Pradeepa, Placement Officer
9. Dr. Abhishek M. Appaji, ICRD
10. Dr. H.B. Nagaraj, HOD, Civil Engineering
11. Dr. A.N.Nagashree, HOD, Electrical & Electronics Engineering
12. Dr. Giridhar G., HOD, Mechanical Engineering
13. Dr. Siddappaji. Shankar, HOD, Electronics & Communication Engineering





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14. Dr. B.R.Ramji, HOD, Industrial Engineering & Management
15. Dr. Jyothi S. Nayak, HOD, Computer Science Engineering
16. Dr. Jayarekha P., HOD, Information Science Engineering
17. Dr. N. Srinivasa Rao, HOD, Electronics and Telecommunication Engineering
18. Dr. Gowrishankar S., HOD, Artificial Intelligence & Machine Learning
19. Dr. Rammohan Y.S., HOD, Aerospace Engineering
20. Dr., Sathosh R. Desai HOD, Electronics and Instrumentation Engineering
21. Dr. Suneetha Y.K, HOD, Chemical Engineering
22. Dr. Joshi Manisha S, HOD, Medical Electronics
23. Dr. Chaandra Prasad M.S., HOD, Biotechnology
24. Dr. M.S.Dharmaprakash, HOD, Chemistry
25. Dr. Veena Jawali, HOD, Mathematics
26. Dr. S.Manoharan, HOD, MBA
27. Dr. Ch. Ram Mohan Reddy, HOD, MCA

The Principal acknowledged the contribution and support extended by all the outgoing internal Academic Council members.

The Principal made a brief presentation on the signification achievements of the College in the recent academic year.

*(Annexure-I: Presentation by Principal)*

The Chairman, requested the Member Secretary to take-up the agenda items for discussion, ratification and approval.

#### **SECTION 1: ITEMS FOR CONFIRMATION**

##### **1.1 CONFIRMATION OF THE MINUTES OF NINETEENTH ACADEMIC COUNCIL MEETING HELD ON 07.04.2021**

The minutes of the Nineteenth Academic Council meeting held on 07.04.2021 were confirmed.

##### **1.2 ACTION TAKEN REPORT ON THE DECISIONS OF NINETEENTH ACADEMIC COUNCIL MEETING**

The Action Taken Report on the decisions of the Nineteenth Meeting of the Academic Council was noted by the Council. However, the Council opined the following:

- (i) To enhance the weightage of SEE component for computation of CO attainment from the existing 20%. After deliberations, the same shall be enhanced to 30%.
- (ii) To include the contribution from PSOs in addition to the POs in all Academic Audit formats.





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- (iii) With regard to Research Plan of graduates who left the portals of BMSCE, it was emphasized that the programs set targets for Alumni serving in various capacities (Administrative sector, Academic Sector, Research organization, Government organization, Core organization, National organization, Multi-national organization etc.); and analyze the professional profile of Alumni to reform academic practices to help reach set targets. The targets are set based on survey from students who join the program, parents of the students joining the program and faculty.

### SECTION 2: ITEMS FOR INFORMATION

#### 2.1 STATUS OF ACCREDITATION (UG & PG PROGRAMS)

The Principal informed the Council that all eligible UG and PG programs are accredited by NBA. Programs having validity of accreditation till 30<sup>th</sup> June, 2022, have applied for re-accreditation, and submitted the SAR after approval of the Pre-Qualifiers. The status of Accreditation for UG and PG programs are as under:

#### NBA Accreditation Status of UG Programs

Sno	Program	From	Validity	Status
1	Electronics & Communication Engineering	01-07-2017	30-06-2023	-
2	Chemical Engineering	01-07-2014	30-06-2022	Submitted the SAR to NBA on 21.06.2022 in Second Cycle.
3	Mechanical Engineering	01-07-2014	30-06-2022	
4	Industrial Engineering & Management	01-07-2014	30-06-2022	
5	Civil Engineering	01-07-2014	30-06-2022	
6	Telecommunication Engineering	01-07-2014	30-06-2022	
7	Information Science & Engineering	01-07-2018	30-06-2022	Submitted the SAR in First Cycle during May 2022. The NBA Expert Team is scheduled from 26 <sup>th</sup> to 28 <sup>th</sup> August, 2022.
8	Medical Electronics	01-07-2018	30-06-2022	
9	Biotechnology	01-07-2018	30-06-2022	
10	Computer Science and Engineering	01-07-2018	30-06-2022	
11	Electrical and Electronics Engineering	01-07-2018	30-06-2022	
12	Electronics and Instrumentation Engineering	01-07-2014	30-06-2022	
13	Aerospace Engineering	Program introduced during academic year 2018-19*		
14	Artificial Intelligence and Machine Learning	Program introduced during academic year 2020-21*		
15	Computer Science and Engineering (Data Science)	Program introduced during academic year 2022-23*		
16	Artificial Intelligence (AI) and Data Science			
17	Computer Science and Engineering (Internet of Things and Cyber Security, including Block Chain Technology)			

\* Program eligible to apply for accreditation after two Batches graduate





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### NBA Accreditation Status of PG Programs

Sno	Program	From	Validity	Status
1	Machine Design	01-07-2018	30-06-2023	-
2	Masters in Computer Applications	01-07-2019	30-06-2024	-
3	Construction Technology	01-07-2017	30-06-2022	Pre-qualifiers submitted to NBA during March, 2022 towards extension in accreditation from 5 to 6 years. Awaiting for the Result.
4	Computer Science and Engineering	01-07-2017	30-06-2022	Submitted the SAR to NBA on 19.06.2022
5	Masters of Business Administration	01-07-2019	30-06-2022	-
6	VLSI & Embedded Systems	01-07-2019	30-06-2022	-
7	Manufacturing Science and Engineering	01-07-2019	30-06-2022	-
8	Biomedical Signal Processing and Instrumentation	01-07-2019	30-06-2022	-
9	Power Electronics	01-07-2017	30-06-2021	Pre-qualifiers submitted to NBA during April, 2022 towards further extension in accreditation period for one year. Awaiting for the Result.
10	Environmental Engineering	01-07-2017	30-06-2021	Pre-qualifier submitted to NBA during June, 2022 for further extension of accreditation period by one year.
11	Digital Communications	01-07-2018	30-06-2021	
12	Computer Networking & Engineering	01-07-2018	30-06-2021	
13	Electronics	01-07-2018	30-06-2021	
14	Transportation Engineering and Management	01-07-2018	30-06-2020	
15	Thermal Engineering	Program introduced during academic year 2019-20. Program is eligible to apply for accreditation after two Batches graduate		

In response to the discussions, the following details are included:

- The Six UG Programs (SNo. 7 to 12) submitted the Pre-qualifier for Cycle-1 in December 2021. The Pre-qualifier was approved during February, 2022 and the SAR submitted in May, 2022. The visit by NBA expert team is scheduled for 26<sup>th</sup> to 28<sup>th</sup> August, 2022.
- The revised format of the SAR in Second Cycle was available on NBA portal during February, 2022. Subsequently, the Pre-qualifiers for the Five UG Programs (SNo. 2 to 6) was submitted during March, 2022. After approval of the Pre-qualifiers, the SAR has been submitted to NBA on 21.06.2022.

The visit shall happen before December 2022 and hence, there shall not be lapse in the accreditation period.





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#### **2.2 STANDING OF BMSCE IN NIRF RANKING – 2022**

The Principal informed the Council that the National Institutional Ranking Framework (NIRF) approved by Ministry of Education, Government of India releases Ranking of Institutions under various categories every year since 2016. The NIRF-2022 was announced by Honourable Education Minister, Ministry of Education on 15th of July, 2022.

The B.M.S. College of Engineering has been ranked 83rd amongst top 100 Engineering Colleges in the Country, 3rd in the State of Karnataka. The Management acknowledges the contribution of all stakeholders and the support & guidance of Academic Council Members for this recognition.

The External Council Members appreciated the NIRF Ranking of the Institution and wished further progress in subsequent years.

#### **2.3 AUTONOMOUS STATUS OF BMSCE**

The Principal informed the Council that the UGC has extended the Autonomous Status further for a period of 10 years based on accreditation by NAAC (Letter No. UGC Letter No.F.22-1/2022 (AC) dated 17<sup>th</sup>, February 2022). This recognition was extended owing to the institution securing highest grade in NAAC Cycle I & Cycle II. The Institution is awarded A++ Grade with 3.83 on a scale of 4 by NAAC.

Further, the Higher Education Department, Government of Karnataka has approved the extension of Autonomous Status (Letter No. ED 123TEC 2022 dated 22.06.2022).

Further, the University (VTU), has approved the extension of Autonomous Status from 2021-22 to 2031-32 (Letter No. VTU/BGM/Aca/A12/2021-22).

The External Council Members appreciated the extension of Autonomous Status of the College by 10 years.

#### **2.4 INITIATIVES TOWARDS IMPLEMENTATION OF NEP-2020**

The initiatives by the College towards implementing the NEP are as follows:

- (i) Constitution of the Institutional Level NEP Committee towards implementation of NEP-2020.
- (ii) **Dr. Leena Chandran Wadia**, Former Senior VP and CTO Netcore Solutions Pvt. Ltd., Bengaluru and Academic Council Member, BMSCE delivered an online Guest Lecture on, “New Education Policy 2020” on 05th August 2020.
- (iii) Conduction of two day workshop on, “Implementation of NEP 2020” on 15<sup>th</sup> and 16<sup>th</sup> November 2021. The Honorable Vice-Chancellor, **Dr. Karisiddappa**, VTU graced the occasion and delivered the keynote address on, “Governance





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practices on NEP 2020". The workshop included focused discussions by various BOS, VTU for evolving the first year Scheme and Syllabus under the NEP 160 credit structure.

- (iv) The IQAC-BMSCE in association with NAAC organized a One-day National level online seminar on "Digital Transformations under NEP 2020" held on 15th July 2022. The program commenced with the keynote address by **Dr. K. Rajanikanth** on, "Importance of NEP-2020".

As per the VTU guidelines, the curriculum for first year under 160 credit scheme is effective from the academic year 2021-22.

In addition, towards implementation of the NEP, the Open Elective courses have been expanded to include electives from MBA program, MCA program and BMS Law College for students admitted 2018 onwards (students presently in the 3<sup>rd</sup> and 4<sup>th</sup> year of the Engineering program).

The Council Members appreciated the initiatives with regard to implementation of NEP-2020 through the curriculum.

#### **2.5 REPORT ON STRATEGIC PLAN**

The Vice Principal (Admin) presented the Strategic Plan of the Institution.

*(Annexure-II: Presentation on Strategic Plan)*

Dr. Satish V. Kailas suggested the inclusion of continuous improvement in performance of GATE as a Long Term Strategic Plan together with including measures for the same.

The external members appreciated the inclusion of GATE syllabus in the Curriculum together with inclusion of GATE type of questions in internal assessments of relevant courses. This process ensures students qualify GATE without any additional efforts beyond curriculum.

#### **2.6 REPORT ON GOVERNANCE DOCUMENT**

The Vice Principal (Admin) presented the College Governance Document.  
*(Annexure-III: Presentation on College Governance)*

#### **2.7 PRATHIBHOTSAVA – VTU YOUTH FESTIVAL**

The Vice Principal (Academic) briefed about the prestigious 21<sup>st</sup> VTU Youth Festival, Prathibhotsava, the cultural prowess and skill-set of dance, music, theater, literary and fine arts, organized by B.M.S. College of Engineering from the 29<sup>th</sup> to 31<sup>st</sup> of July 2022. The Fest witnessed the Cultural show from all over Karnataka, from across different Colleges under VTU.

*(Annexure-IV: Presentation on Prathibhotsava)*





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#### **2.8 SRISHTI – STATE LEVEL PROJECT EXPO AND COMPETITION**

The Vice Principal (Academic) briefed about the prestigious 18<sup>th</sup> edition of Srishti 2022 – a prestigious State level Project Expo and competition organized by Vidyarthi Shikshana Seva Trust in association ABVP supported by VTU and hosted at BMS College of Engineering from 25<sup>th</sup> July 2022 to 27<sup>th</sup> July 2022.

The main objective of Srishti is to provide a platform for creative enthusiastic students and budding scientists and to give an insight in to the entrepreneurial avenues. It is also an effort to develop industry-institution interaction and bridge the gap between the contemporary needs of industry and the R&D on College premises.

Srishti 2022 was graced by dignitaries like Minister of Higher Education, GoK., Honorable Vice Chancellor – VTU, Chairman – ISRO. The event showcased 217 projects, 20 parallel stream-wise events, from 113 engineering colleges from across Karnataka. A total of 1600 students, together with 150 jury from industry and research organizations participated in the event. Prizes worth Rs. 20 Lakhs were awarded to the winners.

*(Annexure-V: Presentation on Srishti 2022)*

#### **2.9 SCHEME AND SYLLABUS OF FIRST YEAR (BATCH 2021-22 ONWARDS)**

The First Year Scheme and Syllabus based on VTU guidelines, applicable for batches admitted 2021-22 onwards was presented by Dean Academics. The First Year Scheme and Syllabus is based on VTU First Year Scheme and Syllabus. The course content of most of the courses are similar to that of VTU, however the Course Outcomes and the Assessments are designed to address the POs (including higher order POs).

The Council ratified the First Year Scheme and Syllabus.

*(Annexure-VI: Presentation on First Year Scheme)*

#### **2.10 CURRICULUM FOR UG PROGRAMS – 160 CREDIT SCHEME**

The Dean Academics presented the process adopted to frame the Curriculum for the UG program, under the 160 credit scheme, for Batches admitted 2021-22 onwards, for III to VIII semester. The Curriculum includes various curricular components to ensure overall development of students, with equal emphasis on Program Core as well as courses for holistic development as envisaged by the NEP.

The proposed Credit distribution evolved through series of discussions with HODs and Deans Council is as below:

- 20 credits for First and Second Semester
- 22 credits for Third to Sixth semester





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- 16 credits for Seventh and Eight semester
- The curriculum includes provision for Eight semester students to take-up Internships for five days a week and attend College on Saturdays.

The typical distribution of Credits among various curricular components including suggested Range of credits is as below:

Curricular Component/ Semester	I	II	III	IV	V	VI	VII	VIII	Typical	Range of Credits
Basic Science Course (BS)	8	8	3	3			1		23	22-24
Engineering Science Course (ES)	10	10	3						23	20-23
Professional Core Course (PC)			13	15	15	11	5		59	58-62
Professional Elective Course (PE)					3	3	3	3	12	12
Open Elective Course (OE)						3	3	3	9	9
Project/ Mini-Project (PW)					2	2	2	6	16	16-20
Seminar on Internship (SR)				1		1		2		
Humanities and Social Sciences, Management Course (HS)	1	1	2	1	2	2	2	2	13	10-14
Ability Enhancement Course / Mandatory Course (AEC)	1	1	1	2					5	4-6
Non-Credit Mandatory Course (NCMC)	-	-	NC	NC	NC	NC	-	-	4 Units	4-6 Units
<b>Total Credits</b>	<b>20</b>	<b>20</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>16</b>	<b>16</b>	<b>160</b>	<b>160</b>

The salient features of the Curriculum are:

- Program Core to include courses recommended by
  - AICTE Model Curriculum
  - VTU Core
  - Program Specific Criteria by ABET
  - Courses of competitive examinations like GATE/CAT
- Program Electives to be offered in identified stream / specialization / Thrust area of the program/computing skills.
- Open Electives to be offered in AICTE Thrust areas/ identified stream, including Sciences, Law and Management. The curriculum provides an opportunity for students from conventional engineering programs to take open electives from emerging areas.
- Projects: The Curriculum includes independent projects from 5<sup>th</sup> Semester onwards. In addition, few courses of the curriculum have small projects being implemented through the Alternate Assessment Tool of the course.
- Internships: Students are expected to complete minimum three Internships during the program of 16 weeks duration.





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- First Internship is of 2-4 weeks duration with NGO / Social Activity implemented during semester break after 2<sup>nd</sup> or 3<sup>rd</sup> semester and evaluated through seminar and report in the 4<sup>th</sup> Semester.
- Second Internship is of 4-6 weeks duration with Industry / Academic institution implemented during semester break after 4<sup>th</sup> or 5<sup>th</sup> semester and evaluated through seminar and report in the 6<sup>th</sup> Semester.
- Third Internship is a running internship during the 8<sup>th</sup> semester of 10-12 weeks duration with Industry / Academic institution / Research organization and evaluated through seminar and report in the 8<sup>th</sup> Semester.
- Ability Enhancement Courses on:
  - Innovation and Design Thinking
  - Scientific Foundation of Health
  - Universal Human Values
  - Engineering Mathematics concepts using Python in second year
- Typical Humanities Courses on:
  - Communicative English
  - Professional writing skills in English
  - Constitution of India, Professional Ethics and Human Rights
  - Samskrutika Kannada / Balake Kannada
  - Environmental Studies
  - Project Management and Finance
  - Innovation and Entrepreneurship
  - IPR and Cyber Security
- Typical Non-Credit Mandatory Courses on:
  - Cultural Activity
  - Physical Activity
  - Personality Development, Aptitude and Communication Skills
  - MOOCs – I (*minimum Four weeks duration*)
  - MOOCs – II (*minimum Four weeks duration*)

After the detailed deliberations, the observations made by the Council is as follows:

- The Council appreciated the inclusion of GATE syllabus through core courses of the curriculum together with the inclusion of GATE type of questions in the internal assessments wherever applicable.
- **Dr. Sathish V. Kailas** appreciated the introduction of Engineering Mathematics concept using Python as an Ability Enhancement Course in the 2<sup>nd</sup> Year.





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- **Mr. Aravind Kamath** emphasized the need to include Multi-disciplinary Projects through the Curriculum with credit.
- **Dr. K. Rajanikath** emphasized the need to distinguish the Internship and Project components being implemented simultaneously during the 8<sup>th</sup> semester.

He also opined that MOOCs may be included in the Curriculum with Credits and not as a Non-Credit course, since the efforts by the students in clearing MOOCs offered by SWAYAM / NPTEL with proctored exam is significant.

The Humanities course "Constitution of India, Professional Ethics and Human Rights" includes three major areas with only 1 credit.

The Council appreciated and approved the proposed Curricular Structure for 160 credit scheme.

*(Annexure-VII: Presentation on 160 Credit Scheme)*

#### 2.1.2 GRADUATION DAY

The Controller of Examinations presented the details of the Graduation Day ceremony held for the batch graduated 2021 on 22<sup>nd</sup> July, 2022 with **Dr. Anil D. Sahasrabudhe**, Chairman, AICTE as the Chief Guest.

He informed the Council that, the College organized the Graduation Day ceremony for the batches graduated 2019 and 2020 on 23<sup>rd</sup> July, 2022 (as the event could not be conducted earlier due to pandemic) with **Dr. Govindan Rangarajan**, Director, IISc as the Chief Guest.

*(Annexure-VIII: Presentation on Graduation Day)*

#### 2.13 REPORT ON B.E. HONORS

The Controller of Examinations presented details of the B.E. Honors program initiated by VTU for interested and eligible students. Students need to earn additional 18 credits through online SWAYAM / NPTEL platform and successfully complete proctored exam (four weeks of online course is equivalent to 1 credit) and maintain a CGPA greater than 8.5. Eligible and interested students can register for the B.E. Honors program during their 5<sup>th</sup> semester.

Number of student applied for B.E. Honors program from batch admitted 2018-19 is 96.  
Number of student applied for B.E. Honors program from batch admitted 2019-20 is 19.

*(Annexure-IX: Presentation on B.E Honors)*





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#### **2.14 UTSAV - 2022**

The Dean Student Affairs presented details on the prestigious event of the College UTSAV Envisage – 2022 an inter Collegiate Cultural Fest organized jointly by BMS College of Engineering and BMS College of Architecture on 27<sup>th</sup>, 28<sup>th</sup> and 29<sup>th</sup> of May, 2022.

*(Annexure-X: Presentation on UTSAV-2022)*

#### **2.15 PLACEMENT STATISTICS**

The Placement Officer informed the Council that the quality of On-campus placement has witnessed continuous improvement. It is gratifying to note that the quality and quantity of On-campus placements did not get affected due to pandemic. This is because of the joint efforts by the departments in Teaching Learning Process together with continuous additional training from placement office.

The Council appreciated the Average pay package of 10.9 LPA with a median of 9.25 LPA together with Highest Pay package of Rs.32 LPA and 80% of students securing on-campus placements.

*(Annexure-XI: Presentation on Campus Placements)*

#### **2.16 REPORT ON ACADEMIC AUDIT 2021-22**

The Chief-Coordinator, IQAC presented the Academic Audit process of the College jointly conducted by the IQAC and Dean Academics, annually to ensure quality Teaching Learning Process. The Audit is in three levels:

- i) Self-Audit by the Faculty
- ii) Department level Audit
- iii) Institute level Audit

The Audit includes the following details:

1. Faculty handling courses
2. Result Analysis
3. Complete details of Outgoing Batch
4. Individual Faculty contribution
5. Department Summary
6. Institute Level Audit Format

**Dr. K. Rajanikanth** suggested the inclusion of PSOs in Audit format wherever applicable.

*(Annexure-XII: Summary of Audit Report)*





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### **2.17 ENTREPRENEURIAL INITIATIVES**

The Dean Innovation presented the Entrepreneurial Initiatives of the College.

The Council appreciated the efforts by the Dean Innovation. Further, they suggested the following:

- To ensure IP protection for student ideas during participation in contests.
- Ensure credits for the existing Multi-disciplinary activities of the Innovation Cell through an Institute Core course on, 'Innovation for Entrepreneurship', culminating in a Multi-disciplinary Project, since NEP emphasizes Multi-disciplinary activities.
- Explore problem statements defined by Industry for student projects.
- The IPR Policy shall be shared in advance before the AC meeting

*(Annexure-XIII: Presentation about Entrepreneurial Initiatives)*

### **2.18 RESEARCH AND DEVELOPMENT - AN OVERVIEW**

The ICRD presented the R&D activities of the College.

The Council appreciated the efforts of ICRD and suggested the following:

- To include faculty h – Index for five years as an additional parameter.
- The Internal funding for faculty shall eventually translate to submission of proposal from external funding agencies.
- Explore reduced Patent validity for 2 years instead of 20 years to reduce the patent filing fee.

*(Annexure-XIV: Presentation about Research & Development)*

## **SECTION 3: ITEMS FOR APPROVAL / RATIFICATION**

### **3.1 CONDUCTION OF PARALLEL CLASSES FOR STUDENTS OF BACHELOR OF ARCHITECTURE (AUTS)**

Architect Neeta H.N. represented the B.M.S. College of Architecture and inform that, all regular students under the Autonomous stream received their bachelor of Architecture degrees during the Graduation Day held on 22<sup>nd</sup> and 23<sup>rd</sup> July, 2022. However, parallel classes for students who have registered/re-registered for various courses is in progress.

The Council noted and approved.





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### **3.2 PART-TIME UG ENGINEERING PROGRAM**

The Principal informed the Council that the B.M.S. Evening College of Engineering (BMSECE) was started during 1972-73 under BMS Educational Trust by late Sri. B.S. Narayan, a Philanthropist. It was started with due approval from the Government towards imparting part-time degree courses for employed diploma holders in Engineering as a Social responsibility. The College offers five undergraduate Engineering programs (CV, ME, EE, EC & CS). The admission are done as per the guidelines of DTE / KEA.

As per the AICTE letter dated 03.05.2021, it is mentioned that the AICTE policy introduced in 2020-21, AICTE has discontinued the First Shift/Second Shift/Part-Time and AICTE now will permit the Colleges to run the Programs only as Regular Programs (4 years). For the academic year 2021-22 a total of 196 students were initially admitted for the 1<sup>st</sup> year Autonomous stream of BMS College of Engineering. The students placed a representation for considering their admission to 2<sup>nd</sup> year of the Engineering program.

As per the AICTE letter F.No.AICTE/AB/SWR/2020/BMSECE/2021 dated 06.06.2022, as a onetime exception in the interest of 196 students admitted to B.E. approval was accorded to the students for the academic year 2021-22 by AICTE under lateral entry to 2nd year/3rd Semester.

Further, as per the directions of the VTU vide letter No. VTU/BGM/SA-Aca/2022-23/2136 dated 13.07.2022 the admission of 196 students allotted by KEA is considered under Autonomous scheme to the 3<sup>rd</sup> semester of the Engineering program for the academic year 2021-22. The administration and academic responsibility shall be with the Principal, BMS College of Engineering, Bull Temple Road, Bangalore.

In view of the above, the Academic Calendar for students pursuing the Part-time Engineering program is prepared such that the students shall complete their 3<sup>rd</sup> and 4<sup>th</sup> semester and take-up the SEE of 5<sup>th</sup> semester along with the Regular students of BMSCE.

The External Council Members noted the matter and wished the students complete the program successfully.





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#### 3.3 LIST OF STUDENTS AWAILED TEMPORARY WITHDRAWAL

The Council noted and ratified the students awarded Temporary Withdrawal from the program for the academic year 2021-22 (since 19<sup>th</sup> AC Meeting).

The details are listed below:

SNo	USN	Name of the Student	Date of issuing Temporary Withdrawal	UG/PG	Duration
1	1BM18CS141	Mr. Sanket Koirala	30.06.2021	UG	Two semesters
2	-	Mr. Niteesh K.R.	30.06.2021	PG	Two semesters
3	1BM19EC051	Mr. Gurumanjunath K.S.	15.12.2021	UG	One semester
4	1BM17EC138	Ms. Khushi Das	28.01.2022	UG	Two semesters
5	1BM21CS211	Mr. Sidvin Vindiyadhar Burli	27.07.2022	UG	Two semesters
6	1BM20ME076	Mr. Parthasarathy M.	11.08.2022	UG	Two semesters

#### 3.2 LIST OF STUDENTS DISCONTINUED THE PROGRAM

The Council noted and ratified the students who have cancelled their admissions during the academic year 2021-22 (since 19<sup>th</sup> AC Meeting).

The details are provided below:

SNo	Dept.	USN	Name of the Candidate	Date of Cancellation	Semester
1	ME	1BM20ME029	BEERAPPA	17.07.2021	I
2	CV	1BM15CV024	BURHAN YUSUF BAIG	30.07.2021	III
3	CSE	1BM18CS068	PAVAN A G	30.07.2021	V
4	ME	1BM17ME013	AJEYA	04.08.2021	IV
5	LEL-M.TECH	1BM20LEL07	H S ADARSH	10.08.2021	I
6	ME	1BM15ME040	BHARATH SHANKAR E	14.08.2021	IV
7	ME	1BM17ME165	SWAPNEEL RAJENDRA BADAGI	14.08.2021	IV
8	CSE	1BM18CS110	SREESH C S	09.08.2021	I
9	CV	1BM19CV102	NIRAJ GUPTA	26.08.2021	I
10	ME	1BM20ME048	DUNDAYYA S VIRAKTAMATH	30.08.2021	II
11	CV	1BM19CV060	HARSHITH K	01.09.2021	IV





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SNo	Dept.	USN	Name of the Candidate	Date of Cancellation	Semester
12	MD	1BM20MD021	JIO INDRAKSHI DATTA	02.09.2021	II
13	IM	1BM20IM050	SHYAM RAO H R	06.09.2021	I
14	CSE	1BM18CS009	AKASH REPAKA	04.09.2021	IV
15	EIE	1BM20EI002	ABHISHEK NARINE	25.09.2021	II
16	ISE	1BM18IS069	PRAMOD KUMAR	28.09.2021	I
17	ISE	1BM19IS097	NARAYAN KHAJURIA	29.09.2021	IV
18	BT	1BM20BT016	KATYASHREE L H	30.09.2021	II
19	ML	1BM19ML019	JANHAVI	04.10.2021	II
20	CV	1BM17CV024	BHAGAVANTH HIPPARGI	05.10.2021	IV
21	ETE	1BM19TE404	SYED MOHAMMED MUZAMMIL	07.10.2021	IV
22	ISE	1BM20IS100	PRRJWANEEL VINAYAK B M	22.10.2021	II
23	ME	1BM19ME009	AMARJIT TONGBRAM	26.10.2021	III
24	MD	1BM20MD003	AMAN ANAND	21.10.2021	II
25	ISE	1BM20IS113	RAJ ARYAN	13.11.2021	III
26	ASE	1BM20AS057	SYED SAAD	16.11.2021	III
27	ME	1BM19ME081	MAVRIPUALI NIKHIL	19.11.2021	III
28	CV	1BM20CV031	D M SREEKANTH	30.11.2021	II
29	IM	1BM20IM017	D. R. ITIHAAS	03.12.2021	III
30	IM	1BM20IM018	DARSHAN SRIDHAR SHET	16.12.2021	III
31	IM	1BM20IM048	SHEIKH IFSHANA MANZOOR	02.11.2021	III
32	ECE	1BM19EC029	BHOOMIKA M P	18.12.2021	IV
33	CSE	1BM19CSE178	VARRA CHARAN REDDY	10.01.2022	IV
34	ME	1BM18ME171	SYED UMAR JAHAGIRDAR	04.01.2022	IV
35	ME	1BM18ME159	SRI HARSHA VARDHAN G R	01.02.2022	IV
36	ISE	1BM18IS047	KOTTURU SREEKAR CHAITANYA	03.03.2022	IV
37	IM	1BM17IM043	ROHINI	07.03.2022	III
38	EIE	1BM20EI062	YATHINDRA HARIPANTHULU	08.03.2022	II
39	EIE	1BM17EI014	KSHITIJ KUMAR BHANU	09.03.2022	VIII
40	ME	1BM20ME408	PARWEZ MUSHRAFF	31.03.2022	V
41	MBA	1BM20BA061	PAVAN KUMAR V. V.	18.04.2022	II
42	ECE	1BM19EC134	S.M. DINAKAR	24.04.2022	II
43	EIE	1BM17EI021	S ARUN	25.04.2022	VI
44	CV	1BM20CV075	KRUPA S	05.05.2022	III





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<b>SNo</b>	<b>Dept.</b>	<b>USN</b>	<b>Name of the Candidate</b>	<b>Date of Cancellation</b>	<b>Semester</b>
45	ECE	IBM21EC007	ADITH R KANAKASABAI	26.05.2022	I
46	MD	1BM21MD004	AISHWARYA S PAI	30.05.2022	I
47	MCA	1BM21MC021	K SRIRAM	30.05.2022	I
48	CSE	IBM21CS087	KASERI ABDUL REHMAN	26.05.2022	I
49	CSE	IBM21CSE143	PRINCE KJUMAR CHOUDHARY	01.06.2022	I
50	CSE	IBM21CSE226	SUSHANT PATEL	04.06.2022	I
51	CSE	IBM21CS061	DEVENDRA SWAMI	04.06.2022	I
52	CV	1BM21CV019	DEVANSH J LAHOTI	07.06.2022	I
53	CSE	1BM21CS004	ABHISHEK CHOUBEY	10.06.2022	I
54	ISE	1BM21IS078	KUMAR SHUBHAM	04.06.2022	I
55	CSE	1BM21CSE108	MOHIT KUMAR BHURIA	14.06.2022	I
56	CSE	1BM21CS084	KABIR RAJ SINGH MATH	14.06.2022	I
57	CSE	1BM21CS169	ROHIT KUMAR PRAJAPATI	14.06.2022	I
58	CSE	1BM21AI014	AMAN AHMAD	14.06.2022	I
59	ISE	1BM21IS011	ADITYA KUMAR	14.06.2022	I
60	ISE	1BM21IS090	MOHMMAD WASIM ALAM	14.06.2022	I
61	MCA	1BM21MC053	SUPRIYA M	14.06.2022	I
62	ETE	1BM20ET006	ANAGHA VENKATESH	29.06.2022	III
63	CSE	1BM19CS029	ATREYA CHOUDHARY	06.07.2022	V
64	CSE	1BM19CS149	SHATAKSHI AGARWAL	07.07.2022	VI
65	ME	1BM17ME076	MAHESH PM	12.07.2022	II
66	CSE	1BM18CS012	AMBEKAR MONISH	12.07.2022	V
67	ME	1BM21ME056	MANZOOM HUSSAIN	15.07.2022	I
68	CSE	1BM21CS183	SAIRA NASIR	19.07.2022	I
69	CSE	1BM21CS224	SURAJ SEHGAL	19.07.2022	I
70	CSE	1BM21CS161	RAJVARDHAN SINGH JADON	19.07.2022	I
71	ETE	1BM20ET043	SAMAHITHA P	19.07.2022	II
72	ISE	1BM20IS018	ANANYA H A	18.07.2022	IV
73	ISE	1BM21IS071	KANISHK KUMAR	20.07.2022	I
74	MCA	1BM21MC020	JANANI R K	21.07.2022	I
75	ISE	1BM21IS087	MD AAKIB ALAM ANSARI	27.07.2022	I
76	ISE	1BM21IS089	MD QAIS ALAM	27.07.2022	I
77	CSE	1BM21CS126	PANKAJ SHARMA	29.07.2022	I
78	CSE	1BM21CS192	SATYAM SUMAN	29.07.2022	I
79	ME	1BM19ME147	SHUBHANSHU BADERIA	01.08.2022	V
80	MCS	1BM21MC013	DUGGAL SIMRAN KISHOR	02.08.2022	II
81	CSE	1BM21CS142	PRINCE KUMAR	06.08.2022	I
82	ASE	1BM21AS054	SRIGANESH	10.08.2022	II





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### **SECTION 4: ANY OTHER SUBJECT WITH PERMISSION OF THE CHAIR**

1. Prof. Gowrishankar presented the initiative to offer an Open Elective course as an outcome of the ATLASSIAN – BMSCE Collaboration with industry support with no financial component from the student.

The Council noted and approved.

2. The Dean Academics informed the Council that the process for revising the curriculum has been initiated and will be placed in the forthcoming AC meeting to be held soon. The Academic Rules and Regulations are being revised based on the revised Autonomous guidelines from VTU and the same will be placed in the next AC meeting.

The meeting concluded with the Principal thanking the members for their valuable suggestions.

DEAN (ACADEMICS)

PRINCIPAL