Minutes of the 16th Meeting of the Academic Council of NMAMIT, Nitte

on 12 September 2020 at 11.00 A.M.

through online platform (Google Meet)

Members Present:

- 1. Dr. Niranjan N. Chiplunkar, Principal and Chairman of A.C.
- 2. Dr. Rohini Nagapadma, Principal, The National Institute of Engineering, Mysuru VTU Nominee
- Dr. Abdul Sharief, Principal, PA College of Engineering, Mangalore

 VTU Nominee
- 4. Dr. S. K. Prasad, Professor & Head of Civil Engg., Vidyavardhaka College of Engineering, Mysuru VTU Nominee
- 5. Dr. Mattur C. Narasimhan, Professor, Civil Engg Dept. NITK, Surathkal External Member
- 6. Dr. K. C. Chandrasekaran, Professor, Dept. of CSE, NITK Surathkal External Member
- 7. Mr. Ramachandra Acharya, Chief Technology Officer, Global Delight Technologies, Udupi External Member
- 8. Dr. A. N. Parameswaran Director, Industry Institute Interaction
- 9. Dr. Shrinivasa Rao B. R. Vice Principal & Controller of Examination
- 10. Dr. Shashikanth Karinka HoD, Mechanical
- 11. Dr. C. Vaman Rao HoD, Biotechnology
- 12. Dr. Karthik Pai B. H. HoD, ISE
- 13. Dr. Uday Kumar Reddy HoD, CSE
- 14. Dr. Nagesh Prabhu HoD, E&E
- 15. Dr. Arun Kumar Bhat HoD, Civil
- 16. Dr. Rekha Bhandarkar HoD, E&C
- 17. Dr. Surendra Shetty HoD, MCA
- 18. Dr. Shobha R. Prabhu HoD, Physics
- 19. Dr. Shivaprasad Shetty HoD, Chemistry
- 20. Dr. Kumudakshi HoD, Mathematics
- 21. Prof. Rashmi Hegde HoD, Humanities
- 22. Dr. Narasimha Bailkeri Professor & EDC In-charge
- 23. Prof. Vinay B. R. Ist year Co-ordinator
- 24. Dr. Radhakrishna Sharma Professor, MBA
- 25. Dr. Muralidhara PG Coordinator
- 26. Dr. Udaya Kumar Shenoy Incharge of CCE
- 27. Dr. Jyothi Shetty Incharge of AI & ML
- 28. Dr. I. R. Mithanthaya Vice Principal & Secretary AC

Member Absent:

1. Dr. K. Sankaran - Director, MBA

MINUTES:

Dr. I. R. Mithanthaya, Secretary of the Academic council and The Dean Academics, started the meeting with a note of welcome to newly appointed VTU nominee for the next two academic years, Dr. Rohini Nagapadma, Principal, The National Institute of Engineering, Mysuru, Dr. Abdul Sharief, Principal, PA College of Engineering, Mangalore, Dr. S. K. Prasad, Professor & Head of Civil Engineering, Vidyavardhaka College of Engineering, Mysuru and the External Members, Dr. Mattur C. Narasimhan, Professor, Dept. of Civil Engg., NITK Surathkal, Dr. K. C. Chandrasekaran, Professor, Dept. of CSE, NITK, Surathkal & Mr. Ramachandra Acharya, Chief Technology Officer, Global Delight Technologies Udupi and also all the internal members to the 16th AC meeting. He thanked all for accepting the invitation and attending the online meeting and briefly discussed the agenda for the meeting and requested Principal Dr. Niranjan N. Chiplunkar for his opening remarks.

Dr. Niranjan N. Chiplunkar, Chairman of A.C. in his opening remarks, welcomed all VTU nominees, external and internal members. He shared some details about Nitte Education. He said that Nitte Education Trust was founded in the year 1979 at Nitte Village and at present NET has 36 Institutions in 3 wide campuses. Sri. N. Vinaya Hegde, Son of Late Justice K. S. Hegde is the Chairman of the Institution, Chancellor of Nitte Deemed to be University and he was also Former Chairman, Board of Governors, NITK Surathkal. Sri. N. Vishal Hegde, son of Sri. N. Vinay Hegde is the Trustee of Nitte Education Trust. NMAMIT was established in the year 1986 in memory of Late Nitte Mahalinga Advanthaya, first engineer of the district born in Nitte. Institution started with total intake of 120 in B.E. Mechanical, ECE & CSE. Later, many more programs were added and as on today Institution is running 9 UG programs, 10 PG programs (8 M.Tech., 1 MCA & 1 MBA) and 10 VTU research centers. Institution received academic autonomy in the year 2007. All the UG programs are accredited by NBA. In the year 2019, Institution got NAAC accreditation with 'A' Grade - 3.11 out of 4 and got 133rd rank in MHRD -NIRF Ranking and in AICTE -CII Survey NMAMIT was placed in Platinum Category. He also highlighted the facilities available in the campus like hostel, library, Guest house, sports, auditorium, etc. More than 50% of the students are staying in the hostels.. The annual intake of the UG progrms is 1140, M.Tech is 164, MCA is 120 and MBA is 180. Institution also promotes research in a big way in the campus. He also said about IT infrastructure facility of the Institution. He shared that with the help of present 700 mbps internet bandwidth, Institution has successfully conducted online exam for VIII semester students, supplementary classes and the supplementary exams are going on. As per VTU, the Even Semester classes have already started on 1 September 2020 using MOODLE LMS platform integrated with IMPARTUS virtual online Solutions. He also said that last year two patents were granted to the faculty of the Institution.

Vice Principal thanked Principal for his opening remarks.

A.C.16.1: Dr. I. R. Mithanthaya confirmed the previous A.C Resolutions and explained about the action taken as per the suggestions given during 15th Academic Council Meeting. He told that as per the clause 15.2, even semester classes were conducted as per approved calendar and separate classes were conducted for lateral entry students. As per clause 15.3, approved scheme & Syllabi of BE, MCA & M.Tech were followed. As per clause 1.4, approved audit courses were offered during summer vacation June-July 2019 (33 students opted 6 audit courses). He said that since the Internship is mandatory, only limited number of audit courses were opted by students in summer vacation. As per clause 15.5, general open elective "Introduction to Japanese Language" has been offered in both odd and even semester and he said that about 120 students opted for this course. As per clause 15.6, approved 33 open electives were offered for the VIII semester students.

Academic Council members approved the minutes of 15th Academic Council Meeting.

A.C.16.2: Vice Principal & Dean (Academics) sought approval for the Ratification of modification made in the scheme and syllabi of B.E, M.Tech and MCA.

Member Secretary informed that due to covid-19 pandemic, the BoS meetings of all the departments were held in online mode in the month of June/July 2020. As per the suggestions given by the BoS members, modifications are incorporated in the syllabus of both UG and PG courses. Each Department HoD presented in detail, the modifications made in the syllabus.

- 1. Dr. Shobha R. Prabhu, HoD, Dept. of Physics informed that they have retained the old syllabus without much changes. In Engineering Physics subjects & Engineering Physics Laboratory, course objectives and course outcomes are deliberated.
- 2. Dr. Shivaprasad Shetty, HoD of Chemistry Department said about 5% of changes made in the syllabus. In the subject of Engg. Chemistry 20CY110 (Unit –IV) "Green Chemistry" topic is removed and Biological Oxygen demand, Chemical Oxygen demand and Numerical Problems on BOD, COD are introduced. Credit for Engineering Chemistry lab has been reduced from 1.5 to 1.0. He said this year no open electives will be offered for the VIII semester students by the Dept.
- 3. Prof. Rashmi Hegde, HoD Humanities said that, certain units in the subject "Overview of Indian Culture and Arts" are revised. The subject "Functional English & Communication Skills"- (ENGDIP501) for Lateral Entry students is introduced. The 4 credits subject of 18HU504- "Engineering Management", which was offered in VIII semester, is reduced to 3 credits and now offered in V semester. 19HU312- Adalitha / Vyavaharika Kannada subjects have been introduced in III & IV Semester. The 4 credit subject (20MCA205)- "Professional Communication Skills" of MCA Dept. (2 year programme) is now reduced to 2 credits.

- 4. Dr. Kumudakshi, HoD, Mathematics presented details of minor changes made in the 1st year syllabus during BoS meeting. In the subject of "Engg. Mathematics I", Multivariable Calculus topics was shifted to II semester and instead differential calculus is introduced. In the Subject of "Engg. Mathematics –II", Numerical methods concepts has been replaced by multivariable calculus from 19MA101 and some units have been rearranged to get continuity in higher semester subjects. She said that this year the Dept. retains III and IV semester subjects as it is without any changes.
- 5. During the discussion on modification in the syllabus of Biotechnology Engineering, HoD, Dr. Vaman Rao said that in the subject 17BT505 "Biocomputing with SAS" & ATMB Lab was shifted to V sem from VII sem to add computational skills to students' skill sets and help them in placement opportunities in the field of data science and clinical research field of pharmaceutical industry. HoD said that after getting the inputs from BoS members some adjustments have been made in the credits to meet the new scheme approved with175 total credits by VTU. New open elective "Bioresource Technology" has been introduced. The title of "Biochemistry 1" & "Biochemistry 2" has been renamed as "Biomolecules 1 & Biomolecules 2". There is no changes made in the syllabus of M.Tech in Industrial Biotechnology.

Principal informed that the Institution has conducted Joint BoS meeting before the Department-wise BoS Meeting to discuss the changes required in the syllabus especially in first year subjects.

6. Dr. Arun Kumar Bhat, HoD of Civil Engg. Department said that to bring 200 credits to 175 credits as per new AICTE (2018-22) scheme in line with VTU, the Department COs & POs are changed. He added that for the batch of 2017-2021 from V semester onwards students can opt any elective from any stream. No changes were made in I & II semester

subjects (i.e., Engineering Mechanics and Environmental Studies). He also said that while preparing the syllabus of M.Tech in CCT no changes made and M.Tech in Structural Engineering minor changes are incorporated.

Dr. S.K Prasad asked the initiation taken by the department to give additional input to students. Vice Principal said that department is involving students in all consultancy works taken by department. He also said that every Thursday afternoon session is considered activity period and experts from the construction Industry are invited for interaction with students. Dr. Narasimhan from NITK, said that he has a very close relation with department as member of BOS and member of AC and appreciated the steps taken by the department in scaling the teaching learning process and also for effectively conducting the classes through online.

7. During the discussion on modification in the syllabus of Computer Science & Engineering HoD, Dr. Uday Kumar Reddy said, for the batch 2017-20 (VII sem) in the subject "Machine Learning"-(CS704) "Genetic Algorithms" topics are added to realign with the textbook content and considering its usefulness for placement & higher studies. For the batch 2019-23 the title of the subject "Programming with C++" (III & IV sem) has been renamed as "Object Oriented Programming with C++". In the subject "Python Programming" GUI topics removed and concepts of Pandas, NumPy, Matplot Lib Libraries are added. In the subject of "Design and analysis of algorithms" topics standard notation & Analysis, Shortest path algorithms and few Graph algorithms are added and standard textbooks are added.

For the batch 2018-22 (V to VIII) 4 credit subject of "Formal Languages and Automata theory"-(CS504) reduced to 3 credit by retaining the content. Some content has been rearranged in the subject of "Natural language processing", "Programming in Java" & "Cyber Security". 4 credit subject of "Engineering Management"-(HU505) offered in VIII

semester is moved to V sem and made as a 3 credit course. 32 program electives have been offered. "Machine Learning"-(CS601) subject brought from VII semester to VI semester. A new elective subject "Block chain technology" has been introduced to keep the pace with the industry needs (Block chain is a part of Industry 4.0). HoD said M.Tech in CSE the subject "Machine Learning" is renamed as "Advanced Machine Learning".

Dr. Chandrasekaran, Professor, CSE, NITK appreciated the content of syllabus in the Dept. of CSE and he said that it is up to date as per the industry demands and also appreciated CSE students for excellent performance during internship under him. He emphasized on Industry 4.0 courses and emerging technologies to practice in the department for betterment of jobs and skill development.

Principal thanked Dr. Chandrasekaran not only for guiding the students but also for valuable inputs given for the improvement of syllabus content of CSE Department.

8. Dr. Nagesh Prabhu, HoD of Electrical & Electronics Engineering said the Department has 4 ongoing schemes. They have not made much change in 2017 scheme. Only the title of 2 subjects i.e., 17EEE262 - "Power Electronics & Drives for Hybrid Electric Vehicles" changed as "Power Electronics & Drives for Electric Vehicles" and the title of 17EEE263 - "Electric Vehicle Battery Technologies and Charging Methods" changed as "Electric Vehicle Battery Charging Methods and typologies". In the scheme of 2018, to match 175 total credits Department made slight changes in core subjects "Linear Integrated Circuits" as 3 credits. "Project Based Learning" is introduced in core courses. 18EE505 – "Management & Entrepreneurship" for 3 credits subject introduced in V semester. 18EE603-"High Voltage Engineering" courses reframed for 3 credits and will be offered in VI semester. 18HU312 -Vyavaharika Kannada /Aadalitha Kannada is introduced in III & IV

semester as per VTU requirement. 18EEE125-"Electrical Machine Design" an elective subject is made core course (17EE603). 18EEE153- "Total quality Management" offered as an elective. Introduced Project Based Learning Component as an elective subject. Mini Project introduced in VI Semester for 2 credits. Seminar on Special Topic is shifted from VIII sem to VII sem. As per Joint BoS recommendations Project Phase-1 is introduced for 3 credits in VII sem. and Major Projects for 12 credits in VIII sem. In 2019 Scheme the subject "Network Analysis" & "Electrical Power Generation and Economics" is rearranged.

He said in the Syllabus of M.Tech in Power Electronics no major changes are made and only some minor changes in few courses according to the suggestion by the course instructor and 3 new electives have been added.

- 9. During the discussion on modification in the syllabus of Information Science & Engg. Dr. Karthik Pai, HoD said that minor changes are made in 2nd and 3rd year syllabus. Major changes made in elective like Industry based & Robotics based syllabus to encourage students to think about startups. In the subject of "Data Mining" Unit IV Advanced Classification methods has been removed to avoid overlapping of topics in Machine Learning. Operating System is moved to IV sem to enable the inclusion of computer networks lab and theory in V sem for 2019-23 batch.
- 10. During the discussion on modification on syllabus of Electronics & Communication Engg. HoD, Dr. Rekha Bhandarkar said that in the subject of "Digital System Design" some contents are added, so students can understand the basics of Verilog. In "Digital System Design Lab" number of Experiments reduced since students need more time for mini project. The name of "VLSI Circuits subjects" renamed as "VLSI Design" and changed some Textbook. In Elective Subject "Artificial Intelligence" some contents have been reframed and this will

help the students to learn and understand about the fundamental topics of the subject and also realize the uniform flow from one chapter to the next. This year 3 new Lab Based open electives introduced in VIII Semester. HoD also gave the details of changes made in syllabus of M.Tech in VLSI Design and Embedded Systems and M.Tech in Digital Electronics and Communication.

Dr. Rohini Nagapadma suggested the HOD to use open access tools for labs, Moodle LMS for lab records and indirect assessment methods to correlate course outcomes (Cos) to Program Outcome (PO) 6 to 12.

11. During the discussion on modification on syllabus of Mechanical Engg., HoD, Dr. Shashikantha Karinka said that the department of Mechanical Engineering has 3 programs namely Under Graduate Bachelor of Engineering (B.E.) in Mechanical branch, Post graduate M. Tech in Machine Design and Post Graduate M. Tech. in Energy Systems Engineering. The BoS has been conducted taking into consideration all the common guidelines provided in the joint BoS held at the institution level prior to department BoS. The department has incorporated Virtual learning as active learning in some theory courses and as part of the Laboratory courses in some of the Labs. The courses which have Virtual learning component are Material Science and Engineering (19ME302), Mechatronics (17ME704),Mechanics of Materials Kinematics of Machines (19ME402), Dynamics of (19ME305), Machines (18ME503), Dynamics Laboratory(17ME707) etc. The curriculum as per new AICTE model for 2018-2022 batch (present 3rd year) and below years has been designed in such a way that the infrastructure created in the institute in the areas of Robotics, Mechatronics, Welding and Automotive Technology incorporated as Active Learning part of the theory courses. There is big change as compared to the schemes of present final year (2017-2021 scheme) which is a total of 200 credits programme and the junior

batches of 2018-2022 (3rd year), 2019-2023 (2rd year) and 2020-2024 (1st year) which have a total of 175 credits programme. As far as present final year (2017-2021 scheme), a course on "Innovation and Entrepreneurship" has been introduced as an open Elective to meet the requirements of Aatmanirbhar or make in India, campaign of Government of India and for NMAMIT as a member of MHRD-IIC and also to educate students to make use of the Atal Incubation centre established in NMAMIT campus. Except for small changes in the syllabus of some of the courses, there is no major change in this scheme. In 2018-2022 batch and their junior batches, there has been a remarkable change. A basket of Electives has been introduced. The students have to select a set of 6 electives as they traverse through V semester to VIII semester. The electives are clubbed under minors grouping such "Thermal", "Design", "Manufacturing as Automation", Management and "Information Technology". A student based on his/her interest may select any one of the minor grouping or may select from across the groupings. In 2019-2023 scheme, i.e present 2nd year, EDM and CNC machining has been added in the Machine Shop (19ME408) which has demonstration of CNC EDM Drilling Machine and CNC Wire-Cut EDM machine including tool/workpiece mounting procedure, zero-setting, graphical programming and details of the consumable used during the machining process. As far as 2020-2024 scheme, i.e for the incoming 1st year, there has been introduction of the course "Elements of Mechanical Engineering and Workshop Practices, 20ME106", which is a milestone. Earlier NMAMIT had retained workshop in place of Elements of Mechanical Engineering (EME). However, VTU suggested including EME. Hence NMAMIT has included both EME and Workshop Practices in 20ME106 as Part-A and Part-B respectively. Part-A is theory and has both CIE and SEE whereas; Part-B is the hands-on workshop and has only the CIE component. Part-B covers demonstrations of the latest facilities like Robotics, Virtual Welding, Automotive and many other areas. As suggested by BoS 2020, a small topic of disaster Management

is also included in Part-A. Other small changes have been done in syllabus wherever appropriate during BoS 2020. The M. Tech. BoS of Machine Design and Energy Systems Engineering incorporated small changes such that Active Learning is put in place in some of the courses. Prof. Niranjan N. Chiplunkar, Principal-NMAMIT requested Prof. Dr. Abdul Sharief to give his feedback on the curriculum and syllabus changes made in Mechanical Engineering.

Prof. Dr. Abdul Sharief said the curriculum and syllabus changes have been done extremely well and as per the new educational requirements in Mechanical Engineering. It is nice that courses such as IoT have been introduced, which is emphasized even by VTU. He also appreciated the good number of electives offered and he said it will be a good motivation for the students.

12. Dr. Surendra Shetty, HoD of MCA said, after receiving lot of inputs from BoS members the scheme and syllabi of MCA programme has been prepared without losing the content for 2 years programs. He presented the list of total credit distribution, Scheme of I, II, III & IV semester with Elective Group. Principal Dr. Niranjan N. Chiplunkar appreciated the HoD for framing the syllabi of 2 years programme without leaving any subjects. Dr. Chandrasekaran also appreciated the effort of the HoD for framing the syllabus.

Academic Council members approved these modifications.

A.C.16.3: Dr. I. R. Mithanthaya sought approval for the new B.E Engineering Programme 1) Artificial Intelligence & Machine Learning and 2) Computer Communication Engineering. He presented the detailed scheme and syllabus of both the programme. Principal said from this current year onwards the Institution is going to start these new UG programs. He said that we received approval from the VTU and AICTE and at present don't have formal BoS members for these programs. Both the programme is currently running by CSE Dept. Dr. Uday

Kumar Shenoy is the incharge of Computer Communication Engineering and Dr. Jyothi Shetty is the incharge of Artificial Intelligence & Machine Learning. Both the faculty gave brief details about the syllabus to the A.C members. Dr. Parameshawaran, Director-III, informed to get it wetted through BoS after the formation of BoS. Dr. Rohini Nagapadma also endorsed the suggestion of Dr. Parameshwaran.

Academic Council members approved the new Engineering Programme.

Dr. S. K. Prasad said overall the Institution is doing extremely well but in general he asked 3 quarries as follows.

- 1) What about the online classes and online examination?

 Principal replied to the question raised by Dr. S. K Prasad that 15% of portion was to be completed when first lockdown was announced. Hence, faculty were advised to conduct sessions on online platforms. The current odd semester classes conducted through online MOODLE platform were integrated with IMPARTUS Solutions. Along with live classes sessions were recorded and made available to students. He also said that on the INPARTUS platform, student attendance, absentees' statement, video recording are all in built, thus faculty can utilize entire session for lecturing. He also said that even final year examinations were conducted online successfully. Above 99% students attended the exam and even supplementary online exams have begun.
- 2) What are the provisions made bringing down 200 credits to 175 credits?

Replying to this Principal said that it was great challenge to reduce credits from 200 to 175 without compromising with quality of the syllabus. Several meetings were held to prepare a final scheme in line with the VTU syllabus. Principal also informed that from this

year onwards at least one NPTEL course is made mandatory for all students. He said this is additional value-added course and 2000+ students have already registered for that the same.

3) How you are managing the mapping beyond POs (6 to 12)? In this regard, Dr. Rekha Bhandarkar said beyond POs 6 is related to Engineering & society, attitude and communication skill etc and it is mapped with workshops, conference and seminars, Internship presentation etc.

Dr. Uday Kumar Reddy said as per the workshop conducted by AICTE about 8 months ago, first 5 PO's are contribute to technical courses and remaining 7 PO's contribute to attitude soft skill and communication skill development courses which are already incorporated by subjects like PBL. ESD. ESC etc.

Dr. Rohini Nagapadma said mapping of PO's beyond 6 can be done indirectly or directly. In direct method we can offer NPTEL courses like e- waste management and we can map by direct assessment also.

A.C.16.4: Dr. Srinivasa Rao, Controller of Examination, said that as per VTU norms we have introduced Kannada as mandatory subject for the batch of 2018-19. The latest circular received by VTU on 4 September 2020 to make Kannada courses a credit-based subject from the batch of 2019-20 onwards, we have planned to give 1 credit for Kannada subject by adjusting the credit of project work in the VIII semester.

A.C members approved for converting Kannada courses as credit based subject in the 2^{nd} year.

A.C.16.5: Dr. I. R. Mithanthaya presented the list of open Electives. He said that this year 10 more open electives are added and 36 open electives are

offered for the VIII semester students. He sought the approval for the same with the A.C members.

Dr. Narasimhan asked, after seeing the list of open electives, whether any student can take any open elective offered by the departments. Dr. I. R. Mithanthaya replied that students are permitted to opt the open electives offered only by other Departments and in some open electives it is clearly mentioned that it belongs only students of particular departments depending on whether the students are learning that subject in their regular courses or not.

A. C members approved the list of additional open electives.

A.C.16.6: Dr. Srinivasa Rao, Controller of Examination, said that as per VTU guidelines Institution has successfully conducted online Semester End examination for the VIII Semester students. For II, IV, & VI semester the result has made on their previous performance in the semester end He also mentioned that VTU has given open choice examination. options for semester end examinations which benefitted a lot of students. He presented the consolidated and branch wise result analysis of UG and PG programs (before Makeup exam) held during August 2020 to the Academic Council members. He said that average result of II semester is 98.09, IV semester is 96.35, VI semester is 97.35 & VIII semester is 99.53. (He said in the Department of MCA, 2 students have not completed their project work hence the result was 98.17 otherwise it is 100%). He also said that the Supplementary classes are conducted through online and now the Supplementary exams are going on.

Academic council members approved the result analysis of semester end examinations.

A.C.16.7: Dr. Srinivasa Rao, Controller of Examination, said as per the Special Regulations with regard to Examinations & Academic Calendar (Ref No: VTU/PS/2020-21/1386 and Guidelines with reference to examinations & Academic Calendar for Autonomous Institutions under VTU (Ref No: VTU/PS/2020-21/1433) the approval is needed from the Academic Council members for the following i.e., Approval to conduct current terminal semester and supplementary semester examinations in Online/Offline/blended mode for the normal duration of 03 hours and normal question paper pattern with open choice for SEE and Unit system for supplementary semester examinations., Approval for examination time-table, Approval for supplementary semester online classes between 27-07-2020 and 08-09-2020. Approval for UG/PG evaluation of all courses and moderation by internal examiners only, Approval for students who have registered for the current even semester, to appear in the Supplementary Semester End Examinations with CIE marks of the current semester only, Approval for students who have registered for the current even semester failed in intermediate semester based on SEE of immediate lower semester, to appear in the Supplementary Semester End Examinations with CIE marks of the current semester, Approval for Current Intermediate Semester Students result (UG&PG) based on SEE marks of all credit courses of the preceding Odd semester (Calculation of grades of current Intermediate semester students, Ref: No. VTU/BGM/Reg (E)/PS/2020-2021/298 dated 31 July 2020).

The Academic Council member approved all the exam related matters.

A.C.16.8: Member Secretary presented the list of students eligible for Graduation Day Certificates for the year 2019 – 2020. He said 862 UG students, 179 PG students and in total 1041 students are eligible for the Graduation. Principal mentioned this list was prepared before

supplementary exam. Once they clear subjects in supplementary exam, eligible students are also will be included in the graduation list.

The Academic Council members approved the list of students eligible for Graduation

A.C.16.9: Member Secretary presented the list of students those who got highest CGPA in semester end examinations and eligible for award of Gold and Silver Medals in Graduation Day for the year 2019 – 2020.

The Academic Council members congratulated the students and approved the list.

A.C.16.10: Any other matter.

- 1. Principal said that normally during every September the Institution is conducting Graduation Day. But due to COVID-19 pandemic situation, this year Institution has decided not to conduct the graduation Day by inviting all the graduands. The Institution has planned to conduct Graduation Day through virtual mode and by only calling the gold and silver medalists to the college for felicitation. For the other eligible students, the Provisional degree certificates will be sent by post. Principal said once we finalize the date, the same will inform all the AC members.
- Principal informed that the online classes have already started form
 September 2020 using MOODLE platform integrated with IMPARTUS Solutions.
- 3. Principal also provided details of the Atal Incubation Centre in the campus and said that more than 30 startups are functioning now. CEO has been appointed. As on today 16 virtual companies & 14 Physical enterprises have been registered. He said this will definitely motivate a greater number of students to start up their own venture

in the campus in the coming days & also students will get internship in campus companies.

Mr. Ramachandra Acharya appreciated the Apple MAC Laboratory established recently in the College and the training that is being given to the students & faculty.

Meeting ended with vote of thanks by member secretary.

Dr. I. R. Mithanthaya Secretary, Academic Council

Dr. Niranjan N. Chiplunkar Chairman, Academic Council