

## Minutes of the 21<sup>st</sup> meeting of the Academic Council held on Thursday, the 21<sup>st</sup> April, 2016, at 2.30 pm in the University Office.

### Members Present

1. **Dr. N. Sundararajan**, Vice Chancellor, JU & Chairman, AC
2. **Dr. J. Gururaja**, Former Advisor for Ministry of New and Renewable Energy, GoI and Former Senior Adviser, UN
3. **Prof. E.S. Dwarakadasa**, Chairman & MD, Karnataka Hybrid Micro Devices Ltd. (KHMD) and Retd. Prof. IISc.
4. **Dr. G.S.D. Babu**, Director, M.P. Birla Institute of Fundamental Research, Bengaluru
5. **Dr. Sandeep Shastri**, Pro Vice Chancellor, JU
6. **Dr. Jayagopal Uchil**, Director, Academics and Planning, JU
7. **Dr. K. Venkatesh**, Director, SET & Dean, Research, JU
8. **Prof. K.R. Sridhar Murthi**, Director, IIAEM, JU
9. **Dr. B.T. Venkatesh**, Adviser, Examinations, JU
10. **Dr. Sudha Deshmukh**, Dean, Sciences, JU
11. **Dr. Choodamani Nandagopal**, Dean, Humanities & Social Sciences, JU
12. **Dr. Easwaran Iyer**, Dean, Commerce, JU
13. **Dr. Mythili P. Rao**, Dean, Languages, JU
14. **Dr. K. Ravi**, Dean, Academics, CMS Business School, JU
15. **Prof. Dinesh Nilkant**, Center Head, CMS B School, JU
16. **Dr. K.N. Varalakshmi**, Director, CPGS, JU
17. **Dr. S.N. Nataraj**, Centre Head, V.V. Puram, JU
18. **Dr. Shanti Iyer**, Centre Head, SGS, JU
19. **Dr. Vasu B.A.**, Centre Head, SCMS, JU
20. **Dr. Asha Rajiv**, Director, IQAC, JU
21. **Dr. T. Padmavathi**, Professor, Microbiology, JU
22. **Prof. S. Madhavan**, Professor, Mass Communication, JU
23. **Prof. V. Parameswaran**, HoD, Aerospace Engineering, IIAEM, JU
24. **Prof. V. Achutha**, Professor, Computer Science, JU
25. **Dr. Shailaja Shastri**, Professor and Head, Department of Psychology, JU
26. **Dr. Srividya Shivakumar**, Microbiology, JU
27. **Mr. Krishna Reddy B.N.**, Management, JU
28. **Ms. Richa Gupta**, Economics, JU
29. **Dr. H.N. Prakruthi**, English, JU
30. **Dr. Arvind Kumar**, Hindi, JU
31. **Mr. M.S. Santhosh**, Joint Registrar, JU
32. **Prof. N.S. Manjunath**, Controller of Examinations, JU
33. **Prof. N.V.H. Krishnan**, Registrar, JU & Member Secretary, AC

### Special Invitees

34. **Dr. K. Gopalakrishna**, Associate Director, SET, JU
35. **Dr. Arathi Sudarshan**, HoD, Department of Mathematics, JU

### Leave of absence intimated

1. **Dr. R. Natarajan**, Former Chairman, AICTE and Former Director, IIT-M
2. **Mr. A.K. Vora**, Director, Tata Consulting Engineers Ltd.
3. **Dr. Selvan Dorairaj**, Vice-President, Capgemini

4. **Dr. Mithileshwar Jha**, Pro Vice Chancellor, JU
  5. **Prof. K.S. Shantamani**, Chief Mentor, JGI
  6. **Ms. Aparna Prasad**, Director, HR, Strategic Communications, JU
  7. **Mr. M.S. Parswanath**, Director, International Relations, JU
  8. **Dr. Geetha Balakrishna**, Director, CNMS, JU
  9. **Dr. Rajani Jairam**, Dean, Student Welfare, JU
  10. **Dr. Veena V. Nagaraj**, Professor, Chemistry, JU
  11. **Ms. Anitha Abraham**, Microbiology, JU
  12. **Mr. Udaya Kumar Soori**
  13. **Mr. Shankar U V**, Director, Sports, JU **(Special Invitee)**
  14. **Dr. V. Muralidhara**, Associate Director, SET, JU **(Special Invitee)**
  15. **Dr. K. Ramanarasimha**, Associate Director, SET, JU **(Special Invitee)**
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The Chairman welcomed all the members and special invitees for the 21<sup>st</sup> Academic Council meeting. He mentioned that this meeting is called mainly to discuss the plan to implement Choice Based Credit System (CBCS) initiated by UGC and introduction of some New courses in the academic year 2016-17 besides giving approval to the syllabus of various semesters of ongoing degree programmes recommended by various Boards of Studies. The Chairman also welcomed Dr. K. Ravi, newly inducted member for the Academic Council who is serving as the Dean (Academics) of MBA programme in our CMS Business School.

The Agenda items were taken up for discussion.

**Agenda item no. 1 - Confirmation of the minutes of the 20<sup>th</sup> meeting held on 17<sup>th</sup> October, 2015.**

The Chairman informed that the copy of minutes was circulated to all the members and no comments were received.

***Therefore, the minutes of the 20<sup>th</sup> meeting of the Academic Council held on 17<sup>th</sup> October, 2015 were confirmed by the Members.***

**Agenda item no. 2: Action taken report on :**

- 2.1.** Implemented the amendments to the Regulations of Ph.D. and M.Phil. programmes which is effective from academic year 2015-16, as approved by the Academic Council in the last Meeting.
- 2.2.** Implemented the change in University Examination (UE) : Internal Assessment (IA) marks in the Examination pattern of 2-year MBA Programme for the batch 2015-16 onwards, as approved by the Academic Council in the last Meeting.

***Members noted the action taken.***

**Agenda item no. 3: Discussion items :**

**Agenda item no. 3.1 : Implementation of Choice Based Credit System (CBCS) in the following 3-year UG Courses from the Academic year 2016-17, as per UGC Guidelines. To approve the revised Curriculum Matrix from Semesters I to VI and Syllabus of Semesters I & II from AY 2016-17 by implementing CBCS Structure for 21 UG programmes (except B.Tech programmes)**

At the outset the chairman brought to the notice of all members the sad demise of Dr. NGR Iyengar, Mentor, IIAEM and lauded his initiatives in adopting CBCS for the degree programmes of Jain University.

The Chairman gave a brief background on the Choice Based Credit System (CBCS) for UG Courses prescribed by the UGC. UGC has made it mandatory to switch over to CBCS and in this connection a directive was received along with the relevant guidelines on 3rd December 2015. Immediately, a Standing Committee meeting was held and it was decided to have a subcommittee consisting of core members Dr. Sandeep Shastri, Dr. Mithileshwar Jha, Prof. NVH Krishnan and Dr. Jayagopal Uchil to prepare the frame work and benchmark parameters for the implementation of CBCS in our University.

The Chairman placed on record his appreciation for the work done by the Director, Academics & Planning, Dr. J. Uchil, in compiling the Handbook on CBCS, illustrating the Course Structure and Curriculum Matrix of all 3-year UG programmes of our University as per the Guidelines of UGC.

He also congratulated the subcommittee comprising of Dr. Sandeep Shastri, Dr. Mithileshwar Jha and Prof. N.V.H. Krishnan in guiding and assisting Dr. Uchil in this important work. He further noted that the handbook on CBCS has been prepared by involving all the Deans of Faculties, Directors of the Centres and Heads of the Departments apart from the internal members of the Boards of Studies (BoS). The Chairman added that the copy of the manuscript of CBCS Handbook has already been mailed to all the members and the hardcopy is also kept on the table for their ready reference.

Dr. Sandeep Shastri thanked all the members involved in preparing CBCS handbook & stated that the students now get an advantage of selecting electives outside their discipline of study. The Committees formed for this purpose identified a set of Generic Electives (Interdisciplinary) for various Degree programmes.

Dr. J. Uchil dealt on the guidelines issued by the UGC for the implementation of CBCS in UG programmes. For the last 2 to 3 years several Universities started designing &

introducing CBCS in their own way leading to non-uniformity in the credit distribution & non-homogeneity in curriculum structure. In order to remove existing confusion, in December 2015 UGC came out with a set of guidelines with regard to the distribution of credits over various components like Core courses, Discipline Specific Electives, Generic Electives, Skill Enhancement Courses and Ability Enhancing Courses. The terms are now well defined and credit distribution is made specific and clear. The highlight of the CBCS is that nearly 40% of the total credits for a UG programme is set aside for the choice of the students. UGC has stipulated a total of 132 credits with the distribution of credits as follows :

1. Core Courses (CG)	-	72 Credits	-	55%
2. Discipline Specific Electives (DSE)	-	20 (18*) Credits	-	15%
3. Generic Electives (GE)	-	16 (18*) Credits	-	12%
4. Ability Enhancing Courses (AEC)	-	08 Credits	-	6%
5. Skill Enhancing Courses (SEC)	-	16 Credits	-	12%

(\* for Degree programme having 3 optional disciplines)

In addition, our University has taken a considered view to offer English and any one Indian Language (Hindi / Sanskrit / Kannada) as subjects of study in the first two Semesters by allocating an additional 16 Credits across all UG Degree Programmes. However, for UG Honours programmes this is limited to only 8 Credits in the first Semester. Thereby, the total number of credits is capped at **148 Credits** for all UG Programmes. Further, University has also made it mandatory to offer Mind Management and Human Values, one of its unique best practices, as a subject under Skill Enhancement Courses. Attempt has also been made to standardize the total marks (3600) for all the programmes.

CBCS Structure and Curriculum Matrix have been prepared for all the following 21 UG programmes to be offered by the University in the year 2016-17. These have been discussed and recommended by the respective Boards of Studies coming under various Faculties. The details of Curriculum Matrix from Semesters I to VI and Syllabus of Semesters I & II for these courses have been circulated to all the members for their perusal.

#### Faculty of Sciences

1. B.Sc. (Physics, Mathematics & Computer Sciences - PMCs)
2. B.Sc. (Chemistry, Microbiology & Biotechnology - CMBt)
3. B.Sc. (Forensic Science)
4. B.Sc. (Animation)
5. B.Sc. (Interior Design)
6. Bachelor of Computer Applications (BCA)

7. BCA (Data Analytics)
8. BCA (Mobile Applications and Cloud Technology)
9. BCA (Information Security and Mobile Applications)
10. BCA (Cloud Technology and Information Security)

#### Faculty of Humanities & Social Sciences

11. BA (Optional English, Psychology and Journalism)
12. BA (Psychology, Sociology and Economics)
13. BA (Journalism & Mass Communication)

#### Faculty of Commerce

14. Bachelor of Commerce (B.Com.)
15. B.Com. (Honours) in International Finance and Accounting
16. B.Com. (Honours) in Risk Management
17. B.Com. (Honours) in Accounting and Finance
18. BMS (Financial Services)
19. BMS (International Business)
20. BMS (Tourism & Hospitality Management)

#### Faculty of Management

21. Bachelor of Business Administration (BBA)

Out of these a few representative programmes like B.A., B.Sc. and B.Com. under CBCS were chosen for presentation and discussion.

Members had detailed discussions on the CBCS Structure & Curriculum Matrix and gave their suggestions.

Prof. Dwarakadasa suggested that the papers under Skill Enhancement Courses must have course contents related to skill development, which increases the employability of the students. Dr. Uchil clarified that the proposed skill enhancement course by itself is intended to increase the skill set of the students. However, in due course the necessary steps will be taken to see that skill enhancement is really going to be skill development of the students in various disciplines so as to increase their employability.

Dr. Gururaja appreciated the work done for the CBCS & stated that the task done is commendable and recommended for the inclusion of more number of courses for choice coming under skill enhancement. Dr. Sandeep Shastri clarified that the skill development course would definitely supplement the core courses.

Dr. Mythili pointed out that the conditions prescribed to the students for choosing Project work from the basket of Discipline Specific Electives may have to be relaxed.

Dr. Uchil clarified that the project is in lieu of one full elective paper under Discipline Specific Electives (DSE). Therefore, the standard of the project work must be such that it is really equivalent to one of the papers under specialization covering 6 credits (60 hours of lecture & 60 hours of practicals). Hence, only highly motivated students at the top could be given this option and that is why the conditions like (i) No backlog upto Semester IV (ii) Distinction on an average etc., have been put forward.

The Chairman requested Dr. Easwaran Iyer to give details on accreditation of courses with global professional bodies. Dr. Easwaran Iyer informed that expertise is utilized from the individual professional bodies / industries that provide inputs for curriculum design and development for B.Com (Honours) programmes to align the curriculum to international standards and emerging trends. The courses offered through these accredited programmes help students to be well prepared to be accepted by market/industry, as per the feedback from Employers. At the end of the graduation the students are provided with the professional membership to enhance their capabilities. He gave a list of global professional bodies, namely, Association of Chartered Certified Accountants (ACCA) - UK, Chartered Institute of Management Accountants (CIMA) – UK, Chartered Institute of Procurement & Supply (CIPS) – UK and Certified Management Accountant (CMA) – US. The students admitted to these courses get a benefit of exemption in courses while appearing for Diploma certificate examination conducted by professional bodies. The Curriculum Matrix for all the six Semesters have been finalized and the syllabus for the Semesters I & II have been prepared by the BoS and recommended for approval by the Academic Council.

Dr. J. Gururaja complemented the University for introducing such B.Com (Honors) courses which are having accreditations from international bodies and highly useful as far as placements of students are concerned.

The Chairman thanked the members for their valuable suggestions during the discussions on the implementation of Degree courses under CBCS. He indicated his desire to submit one of the copies of the handbook to UGC as he was of the opinion that the CBCS Structure prepared by our University is going to be a bench mark for other Universities to follow.

***Members accorded approval for the implementation of CBCS as per UGC Guidelines in 3-year Degree programmes from the year 2016 and appreciated the voluminous work done in revising the syllabus of various courses. Members also approved the revised Curriculum Matrix from Semesters I to VI and Syllabus of Semesters I & II by implementing CBCS Structure (the revised syllabus) for the above 21 UG programmes (except B.Tech programmes).***



**Agenda item no. 3.2 : Presentation of the recommendations from various Boards of Studies (BoS) by the Deans of Faculties / HoDs. (Revision in Curriculum Matrix / New Syllabus, if any, will be effective from Academic year 2016-17.)**

The Chairman requested the Deans of the Faculties / HoDs to present the recommendations from various BoS.

**3.2.1. Faculty of Engineering & Technology**

- a. To approve the B.Tech. Curriculum Matrix and Syllabus for Semesters I & II (common to all branches) – 2016 batch.
- b. To approve the following new specialisations in B.Tech. in Computer Science & Engineering (CSE) / Information Science & Engineering (ISE) (Curriculum Matrix from Semesters I to VIII and Syllabus from Semesters I to III) proposed to be introduced in the Academic Year 2016-17 :
  - (i). Cloud Technology and Information Security (in CSE)
  - (ii). Mobile Applications and Cloud Technology (in CSE)

Prof. V. Achutha informed the members that there is a huge demand for these specialized streams under B.Tech. Degree programmes in the Computer Science & Engineering (CSE) / Information Science & Engineering (ISE). Considering the market survey and inputs from industry veterans & subject experts these UG Engineering courses are being proposed to be offered from the Academic year 2016-17. He highlighted on the objectives of each specialized stream & its career opportunities in these specialized fields. Prof. Achutha further added that the qualified faculty members have been identified & infrastructure facilities were being developed. He pointed out that the Curriculum matrix and Syllabus of Semesters I & II are common across all B.Tech. courses. Further, Curriculum matrix and Syllabus of Semester III are common for CSE & ISE and also for these B.Tech. courses with Specialisations. He presented the Curriculum matrix of all the eight Semesters of the proposed B.Tech. courses with Specialisations cited above. The syllabus of the first three Semesters have already been circulated to the Academic Council Members.

The Chairman brought to the notice of the members that details of the revision in Curriculum Matrix and corresponding Syllabus in various courses under Faculties of Sciences, Commerce, Humanities & Social Sciences and

Languages as recommended by respective BoS have already been circulated.  
If there is any discussion it can be now taken up.

### **3.2.2. Faculty of Sciences**

1. Department of Computer Science
  - (i) BCA – 2014 batch – Syllabus of Semester V & VI
  - (ii) B.Sc. in Animation – 2014 batch – Syllabus of Semester V & VI
  - (iii) MCA (regular) and MCA with Specialisations (Information Security Management Services / Infrastructure Management Services in IT / Storage and Cloud Technology) – 2015 batch – Revised Curriculum Matrix & Syllabus from Semester III to VI.
  - (iv) M.Sc. in IT – 2015 batch – Revised Curriculum Matrix & Syllabus of Semesters III & IV
2. Department of Chemistry & Biochemistry :
  - (i) M.Sc. in Biochemistry – change of paper title from ‘Biochemical Assay’ to ‘Clinical & Biochemical Assay’ - Semester I
  - (ii) M.Sc. in Chemistry – Revised Curriculum Matrix & syllabus of I – IV Sem for 2016 batch
  - (iii) M.Sc. in Chemistry – Revised Curriculum Matrix in Semester IV and fine-tuning in certain papers
3. Department of Forensic Science
  - (i) B.Sc. in Forensic Science – 2014 batch – Revised Curriculum Matrix and Syllabus of Semesters V & VI
  - (ii) M.Sc. in Forensic Science – 2015 batch – Revised Curriculum Matrix and Syllabus of Semesters III & IV
4. Department of Psychology  
M.Sc. in Psychology - 2016 batch - Revised Curriculum Matrix and Syllabus of Semesters I - IV

### **3.2.3. Faculty of Commerce**

1. B.Com. (Honours) with specialization in Management Accounting – 2014 batch – Syllabus of Semesters V & VI (Honours papers)
2. B.Com. - 2015 batch – Syllabus of Semesters III & IV
3. B.Com. (Honours) in International Finance and Accounting - 2015 batch – Syllabus of Semesters III & IV
4. B.Com. (Honours) in Risk Management - 2015 batch – Syllabus of Semesters III & IV



5. M.Com. in Financial Analysis – 2015 batch - Syllabus of Semesters III & IV
6. M.Com. in Financial Analysis – 2016 batch – Revision of Syllabus of Semesters I - IV
7. M.Com. revised with new specialized courses in [i] Banking, Finance & Insurance and [ii] Business Studies – Curriculum Matrix from Semesters I to IV and Syllabus of Semesters I & II – 2016 batch

#### **3.2.4. Faculty of Humanities and Social Sciences**

1. BA (Psychology, Sociology, Economics & Journalism) - 2015 batch - Syllabus of Semesters III & IV

#### **3.2.5. Faculty of Languages**

1. BA (Optional English) - 2015 batch - Syllabus of Semesters III & IV
2. MA (English) – 2016 batch – revised Syllabus of Semesters I & II

***There were no specific suggestions / comments on these agenda items and therefore Chairman sought the approval of the Academic Council.***

#### **3.2.6. Faculty of Management**

Dr. Ravi, Dean Academics for MBA programmes presented the revised Curriculum Matrix and syllabus of the following 4 MBA programmes and also gave a brief introduction of the BoS members who were actively involved in discussion meetings to revise the MBA course contents :

1. MBA (single specialization : Finance)
2. MBA (single specialization : Marketing)
3. MBA in Airport Aviation and International Business Management – 2016 batch – Curriculum Matrix from Semesters I to IV and Syllabus of Semesters I & II.
4. MBA (Entrepreneurship & Family Business Management) – 2016 batch – Curriculum Matrix from Semesters I to IV and Syllabus of Semesters I & II.

He further stated that the revised syllabus of Semesters I & II of MBA programmes are kept on the table for the perusal of the members.

Prof. K.R Sridhara Murthi, added that the MBA programme in Airport & Aviation Business Management was finalized after detailed discussions with experts from the airport management, airlines and other related areas. The Curriculum Matrix and Syllabus for Semester I are the same as that of 2-year MBA programme. Semester II onwards the Curriculum matrix and Syllabus will be specific to the specialized areas in Airport & Aviation Business Management.

***The Academic Council approved the introduction of all the New programmes recommended for introduction. The Academic Council also approved revised curriculum matrix & syllabus specified in the agenda 3.2 for 9 PG programmes which are going to be implemented in the academic year 2016-17.***

#### **Agenda item no. 4 : Reporting Items :**

##### **Agenda item no. 4.1: Relocation of various Programmes under different Faculties.**

The Chairman thanked all the external members of the Academic Council for their presence during the luncheon meeting during the NAAC Peer team visit to Jain University on 29th October, 2015. The Chairman informed the members that our University had been rated with CGPA of 2.63 & placed at grade 'B'. He was of the firm opinion that there was some mismatch between NAAC assessment report & assigned CGPA. He also informed the members that the University had gone in for appeal against the assessment outcome & the result of the appeal would be shared with the members in due course.

In addition, Chairman informed the members that based on the recommendations of the NAAC Peer Team, it has been found necessary to implement some of them immediately. One of the important recommendations is to locate all the Programmes coming under one Faculty at one Center / Campus.

Prof. Krishnan added that locations for various programmes need to be rationalized based on Faculties. All PG programmes related to one Faculty (e.g. Science) and related UG courses need to be in a single location, so as to call it as a School of Sciences. Similarly, School of Commerce, School of Humanities & Social Sciences & School of Management have been identified for the process of relocation. It is planned to implement the same as early as possible.

***Members noted the reported items and assured to stand by the University in future endeavors in this regard.***

**Agenda item no. 5: Any other matter with the permission of the Chair.****Agenda item no. 5.1 : Research initiatives by the External Members of the Academic Council.**

The Chairman thanked and expressed his happiness over the research initiatives taken up by Prof. E.S. Dwarakadasa & his team for extending all support and guidance for research activities of Jain University. He requested Prof. Dwarakadasa to give a brief on this matter.

Prof. Dwarakadasa mentioned that as a responsible Member of Academic Council he has taken up this initiative to support and guide research activities along with other external members viz., Dr. R. Natarajan, Mr. A.K. Vora, Dr. J. Gururaja & Dr. G.S.D. Babu for the sustainable development of the University. His idea was to form a consortium of researchers of institutions like School of Engineering & Technology of Jain University, CMR Institute of Technology, R.V. College of Engineering, M.S. Ramaiah College of Engineering and Sri Venkateshwara College of Engineering. Through mutual interactions & discussions they can identify distinct areas of research to be developed in different institutions with mutual support & cooperation. In his opinion, in the days to come each Institution can be known for a specialised area of research recognised by the peers in India & abroad. He indicated that as of now they were focusing on Science & Engineering disciplines and in due course the activity could be extended to other disciplines like Management, Commerce & Humanities.

Members of Academic Council highly appreciated the initiatives of Prof. Dwarakadasa & other External members & felt that an effective platform for Researchers & Faculty members of the University could be created for strengthening & expanding inter-institutional research activities.

**Agenda item no. 5.2 : Pattern of Internal Assessment (IA) and University Examination (UE) for programmes coming under CBCS.**

Dr. J. Uchil mentioned that all the UG Degree programmes coming under CBCS are having IA : UE pattern of 30 : 70. So far PG programmes were having the pattern of IA : UE :: 20 : 80. For the batches starting from 2016 onwards it is better to switch over from 20 : 80 to 30 : 70 for all PG programmes like M.A., M.Sc., M.Com etc. except professional courses like MBA & M.Tech.

***Members accorded approval for the proposal to change over to 30 : 70 from 20 : 80 in the PG programmes like M.A., M.Sc., M.Com. etc. for batches starting from 2016 onwards.***

**Agenda item no. 5.3 : Update in Lateral entry to 2<sup>nd</sup> year MCA programme.**

Dr. J. Uchil mentioned that there was a proposal to update the eligibility criteria for MCA programme through lateral entry. He pointed out that Government of Karnataka through GO No. ED 177 TEC 2012, dated 2<sup>nd</sup> August, 2013 had already passed an order regarding the lateral entry to MCA.

(1) **Proposed Eligibility:** A candidate who has passed recognized Bachelor's Degree of minimum of 3 years duration examination in BCA, B.Sc. (I.T. / Computer Science) with Mathematics at (10+2) level or at Graduate Level and obtained an aggregate minimum of 50% marks (45% in the case of SC & ST candidates) taken together in all the subjects in all the years of the Degree Examination is eligible for admission to MCA courses

(2) **Proposed intake under lateral entry :** A maximum of 10 seats for each of the MCA degree programmes listed below:

- MCA (Regular)
- MCA (With Specialization in Information Management security Services)
- MCA (With Specialization in Storage and Cloud Technology)

***Members accorded the approval for the proposals (1) and (2) for the lateral entry to MCA programme.***

**Agenda item no. 5.4 : Conduct of Research Retreat – May 2016.**

Dr. Sandeep Shastri was happy to announce that the schedule for Research Retreat of this year was finalized to take place on 21<sup>st</sup> and 22<sup>nd</sup> May, 2016. He requested all the members to note the dates and participate in the event. He further mentioned that a few eminent guests of honour like Dr. Kiran Mazumdar Shaw, Chairman and Managing Director of Biocon Limited and Prof. Sukhadeo Thorat, former Chairman of the University Grants Commission had already confirmed their participation.

***Members noted the schedule of the Research Retreat and appreciated the University for taking up such programmes regularly.***

**Agenda item no. 5.5 : Programmes offered for AY 2016-17 and sanctioned intake thereof.**

The Chairman informed that the University has initiated the Choice Based Credit System as per UGC Notification from the AY 2016-17.

Out of the total 67 Programmes being offered for the AY 2016-17, the University is planning to introduce the Choice Based Credit System (CBCS) for all the 21 UG programmes (except the Engineering programmes). Nine B.Tech, thirty four PG and PhD programmes will continue with Elective Course System (ECS) while PG Diploma in Sports Psychology / Counselling will standalone without electives.

Discussions were held on the sanctioned intake for ongoing and new programmes offered in 2016-17, based on a presentation made by the Registrar to the Academic Council. The following intake was finally approved by the Academic Council :

Sl.	Programme	Sanctioned Intake
	<b>LIST OF UG PROGRAMMES WITH CBCS</b>	
1	Bachelor of Commerce	450
2	Bachelor of Commerce (Honours) in Risk Management	20
3	Bachelor of Commerce (Honours) in International Accounting and Finance	75
4	Bachelor of Commerce (Honours) in Accounting and Finance	75
5	Bachelor of Business Administration	780
6	Bachelor of Management Studies (International Business)	120
7	Bachelor of Management Studies (Financial Services)	40
8	Bachelor of Management Studies (Tourism and Hospitality Management)	30
9	Bachelor of Arts (Journalism and Mass Communication)	90
10	Bachelor of Arts (Optional English, Psychology, Journalism)	75
11	Bachelor of Arts (Psychology, Sociology, Economics)	30
12	Bachelor of Computer Applications	210
13	Bachelor of Computer Applications (Cloud Technology and Information Security)	
14	Bachelor of Computer Applications (Information Security and Mobile Applications)	
15	Bachelor of Computer Applications (Data Analytics)	
16	Bachelor of Computer Applications (Mobile Applications and Cloud Technology)	
17	Bachelor of Science (Chemistry, Microbiology, Biotechnology)	60

18	Bachelor of Science (Interior Design)	130
19	Bachelor of Science (Physics, Mathematics, Computer Science)	40
20	Bachelor of Science (Forensic Science)	180
21	Bachelor of Science (Animation)	60
	<b>LIST OF B.TECH PROGRAMMES WITH ELECTIVE COURSE SYSTEM</b>	
22	Bachelor of Technology (Aerospace Engineering)	110
23	Bachelor of Technology (Civil Engineering)	60
24	Bachelor of Technology (Electronics & Communication Engineering)	120
25	Bachelor of Technology (Electrical & Electronics Engineering)	20
26	Bachelor of Technology (Mechanical Engineering)	90
27	Bachelor of Technology (Information Science & Engineering)	45
28	Bachelor of Technology (Computer Science & Engineering)	120
29	Bachelor of Technology (Computer Science and Engineering) with specialization in Cloud Technology and Information Security *	45
30	Bachelor of Technology (Computer Science and Engineering) with specialization in Mobile Applications and Cloud Technology *	45
	<b>Sanctioned intake UG programmes</b>	<b>3120</b>
	<b>LIST OF PG PROGRAMMES WITH ELECTIVE COURSE SYSTEM</b>	
31	Master of Science (Physics)	20
32	Master of Science (Biotechnology)	40
33	Master of Science (Microbiology)	20
34	Master of Science (Biochemistry)	20
35	Master of Science (Chemistry)	20
36	Master of Science (Animation)	10
37	Master of Science (Forensic Science)	30
38	Master of Science (Psychology)	50
39	Master of Science (Information Technology)	20
40	Master of Commerce (Financial Analysis)	40
41	Master of Commerce	40
42	Master of Arts (Economics)	15
43	Master of Arts (Journalism & Mass Communication)	40
44	Master of Performing Arts (Music)	10
45	Master of Performing Arts (Dance)	10
46	Master of Arts (English)	30
47	Master of Computer Applications (MCA)	20



48	Master of Computer Applications (Information Security Management Services)	70
49	Master of Computer Applications (Storage and Cloud Technology)	
50	Master of Business Administration (Marketing)	90
51	Master of Business Administration (Finance)	60
52	Master of Business Administration (Marketing and Finance) *	90
53	Master of Business Administration (Marketing and Human Resources Management) *	60
54	Master of Business Administration (Airport Aviation and International Business Management)	20
55	Master of Business Administration (Entrepreneurship & Family Business Management)	10
56	Master of Technology (Computer Science & Engineering)	9
57	Master of Technology (Food Technology)	18
58	Master of Technology (Energy Management and Climate Change Technology)	9
59	Master of Technology (Embedded Systems Design)	9
60	Master of Technology (Building Science and Technology)	9
61	Master of Technology (Aerospace Engineering) with specialisation in Avionics	9
62	Master of Technology (Aerospace Engineering) with specialisation in Aerospace Structures	9
63	Master of Technology (Aerospace Engineering) with specialisation in Aircraft Propulsion	9
64	Master of Technology (Aerospace Engineering) with specialisation in Aerodynamics *	9
	<b>STANDALONE PG DIPLOMA PROGRAMMES</b>	
65	Post Graduate Diploma (Psychological Counselling)	10
66	Post Graduate Diploma (Sports Psychology) *	10
	<b>Sanctioned intake PG programmes</b>	<b>945</b>
	<b>Sanctioned intake - Grand Total</b>	<b>4065</b>
67	Doctor of Philosophy (ECS)	

*\* New programmes introduced in AY 2016-17*

The Chairman informed the Academic Council that the following additional guidelines shall apply :

1. A maximum permissible deviation of 10%, with due approval of the Vice Chancellor.

2. Allotment of seats to reserved categories as per the guidelines of Government of Karnataka.
3. Provision for admission of foreign students' upto 20% over and above the sanctioned strength.

***The Academic Council took note of the above and gave its approval.***

**Agenda item no. 5.6 : Revision of Syllabus for AY 2016-17 .**

The Chairman informed the members that Choice Based Credit System (CBCS) introduced for all the UG programmes (except B.Tech). All the UG programmes underwent restructuring of Curriculum Matrix as per CBCS. The syllabus revision of BBA programme for all the six semesters as recommended by the Board of Studies was placed for discussion. The Chairman indicated that the revised syllabus and the course matrix was circulated to all the members and asked for suggestions. Prof. Dinesh Nilkant the Director of the School of Management Studies explained in detail to the members about the need of revising the syllabus and sought the approval from the Members.

***The Academic Council approved the revision of Syllabus for BBA Programme to be implemented from the AY 2016-17.***

**Agenda item no. 5.7 : Total Courses offered during AY 2016-17.**

The Chairman informed the members that the number of Courses offered for the AY 2016-17 are 1801. Out of these, 961 courses are going to be newly introduced for the AY 2016-17. He also informed the members that the list of new courses along with the syllabus was circulated to all the members and no comments have been received. He requested the members to clarify any doubt pertaining to these courses which was taken up for discussion. All the members unanimously agreed the introduction of the new courses. The number of new courses department wise is given below :

<b>New Courses Department-wise</b>	<b>AY 2016-17</b>
1. Aerospace Engineering	80
2. Information Science & Engineering	34
3. Computer Science & Engineering	9
4. Mechanical Engineering	35
5. Electrical & Electronics Engineering	35
6. Electronics & Communication Engineering	49
7. Civil Engineering	44

<b>New Courses Department-wise</b>	<b>AY 2016-17</b>
8. Food Technology	5
9. Commerce	60
10. Management Studies	52
11. Computer Science & IT	141
12. Biotechnology & Genetics	24
13. Microbiology & Botany	59
14. Biochemistry	35
15. Chemistry	13
16. Forensic Science	54
17. Psychology	65
18. Physics & Electronics	46
19. Economics & Social Sciences	25
20. Journalism & Mass Communication	48
21. Performing Arts & Cultural Studies	35
22. Languages	12
23. Art & Design	1
<b>Total</b>	<b>961</b>

*The members appreciated the outcomes achieved by the Departments.*

**Agenda item no. 5.8 : List of Value Added Courses (VAC) offered outside the curriculum during AY 2016-17.**

The Chairman informed the members that 27 Value Added Courses (VAC) that imparts additional skills have been offered from outside the curriculum for students of UG programmes across all disciplines for the AY 2016-17. VACs are developed by the Department of Industry and Interface to fulfill the need of emerging trends / technologies. A few VACs are also introduced based on feedback from stakeholders. A list of VACs are given below department-wise for approval of Academic Council :

<b>#</b>	<b>Value Added Courses</b>	<b>Department</b>
1	Certificate in advanced professional communication	Journalism and Mass Communication
2	Certification in Event Management	Management Studies
3	Software Testing Tools	Computer Science & IT
4	Capital markets (dealers module) Certification Examination	Commerce
5	Certification in Software Testing	Computer Science & Engineering
6	Certification course in Communication and	Languages

#	Value Added Courses	Department
	Public Speaking	
7	Certification course in Spoken English	Languages
8	Certification in C # & .Net Programming	Computer Science & IT
9	Certification in Advertising Management	Management Studies
10	Certification in business and Personal Etiquettes	Journalism and Mass Communication
11	Certification in Business Communication	Commerce
12	Certification in Consumer Behaviour	Management Studies
13	Certification in Marketing Analytics	Management Studies
14	Certification in E Commerce	Management Studies
15	Certification in Embedded Systems Designer	Electronics & Communication
16	Certification in Export & Import Documentation	Management Studies
17	Scaling Operations: Linking Strategy	Management Studies
18	Certification in Fundamental Analysis	Commerce
19	Training on Oracle DBA	Computer Science & IT
20	Certification in Organizational Behaviour	Journalism and Mass Communication
21	Certification in Private Banking	Commerce
22	Certification in Security Analysis and Portfolio Management	Commerce
23	Certification in Strategic Brand Management	Management Studies
24	Certification in Tally	Commerce
25	Game Design and Development using Unity 3D	Computer Science & IT
26	Certification in Organizational Design and Management	Computer Science & IT
27	Professional Certificate in Marketing	Management Studies

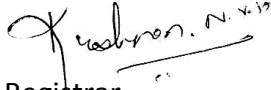
***The members appreciated and approved all the 27 Value Added Courses for AY 2016-17.***

**Agenda item no. 5.9 : Action Taken Report on the Feedback from the stakeholders.**

The Director, IQAC briefed the Members on the outcome of action taken on the structured curriculum feedback for design and review of Syllabus received from Students, Faculty members, Potential Employers, Alumni and other stake holders. Members noted and expressed their appreciation.

Dr. GSD Babu appreciated the quantity & quality outcome of the PhD degrees from the University. Members congratulated Dr. Sandeep Shastri and Dr. Mythili P. Rao for their efforts in this regard.

At the end, the Registrar thanked all the members for their active participation and valuable contribution to the proceedings of this meeting.



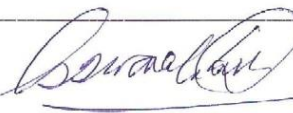


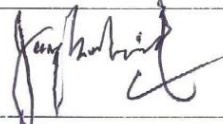
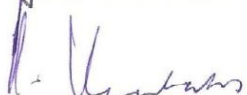


Registrar

Jain University

**21<sup>st</sup> Meeting of the Academic Council**


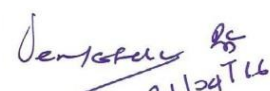
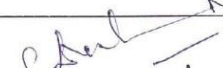
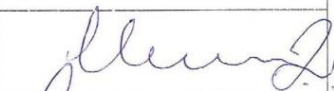
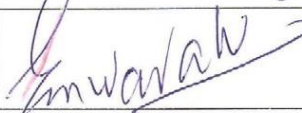

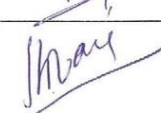
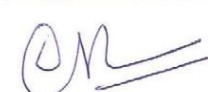
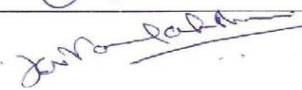
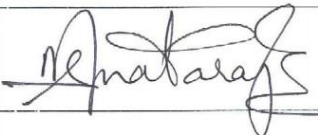
Thursday, 21<sup>st</sup> April 2016

Sl	NAME	SIGNATURE
1	<b>Dr. N. Sundararajan,</b> Vice Chancellor, JU & Chairman, AC	
2	<b>Dr. R. Natarajan,</b> Former Chairman, AICTE and Former Director, IIT-M	— ABSENT —
3	<b>Dr. J. Gururaja,</b> Former Advisor for Ministry of New and Renewable Energy, GoI and Former Senior Adviser, UN	
4	<b>Prof. E.S. Dwarakadasa,</b> Chairman & MD, Karnataka Hybrid Micro Devices Ltd. (KHMD) and Retd. Prof. IISc.	
5	<b>Dr. G.S.D. Babu,</b> Director, M.P. Birla Institute of Fundamental Research, Bengaluru	
6	<b>Mr. A.K. Vora,</b> Director, Tata Consulting Engineers Ltd.	— ABSENT —
7	<b>Dr. Selvan Dorairaj,</b> Vice-President, Capgemini	— ABSENT —
8	<b>Dr. Sandeep Shastri,</b> Pro Vice Chancellor, JU	
9	<b>Dr. Mithileshwar Jha,</b> Pro Vice Chancellor, JU	— ABSENT —
10	<b>Prof. K.S. Shantamani,</b> Chief Mentor, JGI	— ABSENT —
11	<b>Dr. Jayagopal Uchil,</b> Director, Academics and Planning, JU	
12	<b>Dr. K. Venkatesh,</b> Director, SET & Dean, Research, JU	



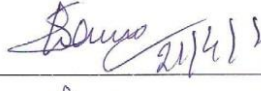
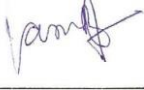
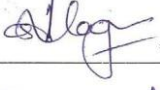
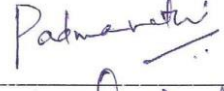
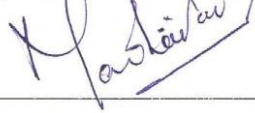
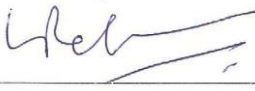

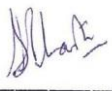
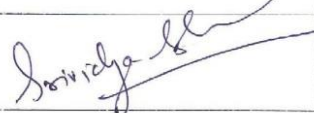

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Thursday, 21<sup>st</sup> April 2016

Sl	NAME	SIGNATURE
13	<b>Prof. K.R. Sridhar Murthi,</b> Director, IIAEM, JU	
14	<b>Dr. B.T. Venkatesh,</b> Adviser, Examinations, JU	 21/04/16
15	<b>Ms. Aparna Prasad,</b> Director, HR, Strategic Communications, JU	— ABSENT —
16	<b>Mr. M.S. Parswanath,</b> Director, International Relations, JU	— ABSENT —
17	<b>Dr. Sudha Deshmukh,</b> Dean, Sciences, JU	
18	<b>Dr. Choodamani Nandagopal,</b> Dean, Humanities & Social Sciences, JU	
19	<b>Dr. Easwaran Iyer,</b> Dean, Commerce, JU	
20	<b>Dr. Mythili P. Rao,</b> Dean, Languages, JU	
21	<b>Dr. K. Ravi,</b> Dean, Academics, CMS Business School, JU	
22	<b>Dr. Geetha Balakrishna</b> Director, CNMS, JU	— ABSENT —
23	<b>Prof. Dinesh Nilkant,</b> Center Head, CMS B School, JU	
24	<b>Dr. K.N. Varalakshmi,</b> Director, CPGS, JU	
25	<b>Dr. S.N. Nataraj,</b> Centre Head, V.V. Puram, JU	

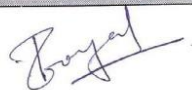
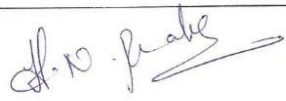


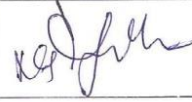
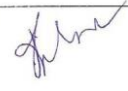

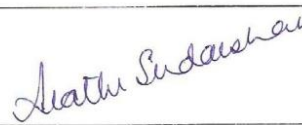
**21<sup>st</sup> Meeting of the Academic Council**

Thursday, 21<sup>st</sup> April 2016

Sl	NAME	SIGNATURE
26	<b>Dr. Shanti Iyer,</b> Centre Head, SGS, JU	
27	<b>Dr. Vasu B.A.,</b> Centre Head, SCMS, JU	
28	<b>Dr. Rajani Jairam,</b> Dean, Student Welfare, JU	— ABSENT —
29	<b>Dr. Asha Rajiv,</b> Director, IQAC, JU	
30	<b>Dr. T. Padmavathi,</b> Professor, Microbiology, JU	
31	<b>Prof. S. Madhavan,</b> Professor, Mass Communication, JU	
32	<b>Prof. V. Parameswaran,</b> HoD, Aerospace Engineering, IIAEM, JU	
33	<b>Dr. Veena V. Nagaraj,</b> Professor, Chemistry, JU	— ABSENT —
34	<b>Prof. V. Achutha,</b> Professor, Computer Science, JU	
35	<b>Dr. Shailaja Shastri,</b> Professor and Head, Department of Psychology, JU	
36	<b>Ms. Anitha Abraham,</b> Microbiology, JU	— ABSENT —
37	<b>Dr. Srividya Shivakumar,</b> Microbiology, JU	
38	<b>Mr. Krishna Reddy B.N.,</b> Management, JU	

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Sl	NAME	SIGNATURE
39	<b>Ms. Richa Gupta,</b> Economics, JU	
40	<b>Dr. H.N. Prakruthi,</b> English, JU	
41	<b>Dr. Arvind Kumar,</b> Hindi, JU	
42	<b>Mr. M.S. Santhosh,</b> Joint Registrar, JU	
43	<b>Prof. N.S. Manjunath,</b> Controller of Examinations, JU	
44	<b>Mr. Udaya Kumar Soori</b>	— ABSENT —
45	<b>Prof. N.V.H. Krishnan,</b> Registrar, JU & Member Secretary, AC	
46	<b>Mr. Shankar U V</b> Director, Sports, JU (Special Invitee)	— ABSENT —
47	<b>Dr. V. Muralidhara</b> Associate Director, SET, JU (Special Invitee)	— ABSENT —
48	<b>Dr. K. Gopalakrishna</b> Associate Director, SET, JU (Special Invitee)	
49	<b>Dr. K. Ramanarasimha</b> Associate Director, SET, JU (Special Invitee)	— ABSENT —
50	<b>Dr. Arathi Sudarshan</b> HoD, Department of Mathematics, JU (Special Invitee)	
51		
52		