

**Minutes of the 24th Meeting of the Academic Council,
held on Saturday, 8th April, 2017 at 2.30 pm in the University Office.**

The following members were present :

1. **Dr. N. Sundararajan**, Vice Chancellor, JU - **Chairman**
2. **Dr. R. Natarajan**, Former Chairman, AICTE and Former Director, IIT-M
3. **Dr. J Gururaja**, Former Adviser, Ministry of New and Renewable Energy, GOI and Former Senior Adviser, United Nations, New York
4. **Dr. M.J. Vinod**, Professor, Department of Political Science, Bangalore University
5. **Dr. M.C. Radhakrishna**, Professor (retd.) & Former Chairman, Dept of Physics, Bangalore University
6. **Dr. Sandeep Shastri**, Pro Vice Chancellor, JU
7. **Dr. Jayagopal Uchil**, Director, Academics and Planning, JU
8. **Dr. Harold Andrew Patrick**, Dean, Academics, CMS Business School, JU
9. **Dr. S.A. Hariprasad**, Director, SET, JU
10. **Prof. K.R. Sridhara Murthi**, Director, IIAEM, JU
11. **Prof. Dinesh Nilkant**, Director, CMS, JU
12. **Dr. Vasu B.A.**, Director, SCMS, JU
13. **Dr. K.N. Varalakshmi**, Director, CPGS, JU
14. **Dr. Rajani Jairam**, Dean, Student welfare, JU
15. **Dr. Asha Rajiv**, Director, IQAC, JU
16. **Dr. Bhaskar Dixit**, Director, FCRC, JU
17. **Dr. Rajan K E Varghese**, Director, School of Law, JU
18. **Prof. N.S. Manjunath**, Controller of Examinations, JU
19. **Dr. T. Padmavathi**, Department of Microbiology, CPGS, JU
20. **Dr. Veena V. Nagaraj**, Department of Chemistry, SGS, JU
21. **Dr. Shanti Iyer**, Department of Forensic Science, SGS, JU
22. **Dr. N. Shanthi**, Department of Physics, CPGS, JU
23. **Dr. Arathi Sudarshan**, Department of Mathematics, SGS, JU
24. **Capt. Rekha Sinha**, School of Interior Design, JU
25. **Dr. V Muralidhara**, Department of Electrical & Electronics Engineering, SET, JU
26. **Prof. V. Parameswaran**, Department of Aerospace Engineering, IIAEM, JU
27. **Dr. Benaka Prasad**, Department of Basic Sciences, SET, JU
28. **Dr. Jitendra Mishra**, Department of Management, MIME, JU
29. **Dr. B.R. Rao**, Department of Management, CMS B School, JU
30. **Dr. Xavier VK**, Department of PG Studies in Economics, School of Humanities & Social Sciences, JU
31. **Prof. S. Madhavan**, Department of Mass Communication, CMS, JU
32. **Dr. H.N. Prakruthi**, Department of English, SGS, JU
33. **Dr. Arvind Kumar**, Department of Hindi, JU
34. **Col. TNC Vijayasarithy VSM**, Department of Mind Management, JU
35. **Dr. B T Venkatesh**, Advisor, Examinations Unit, JU
36. **Mr. H.N. Manjunath**, Chief Librarian, JU
37. **Prof. N V H Krishnan**, Registrar, JU - **Member Secretary**
38. **Prof. N Nagraj**, MBA Aviation Business Management, JU (Special Invitee)

Leave of Absence Intimated :

1. **Mr. A.K. Vora**, Former Director, Tata Consulting Engineers Ltd.
 2. **Dr. Mithileshwar Jha**, Pro Vice Chancellor, JU
 3. **Prof. K.S. Shantamani**, Chief Mentor, JGI
 4. **Dr. Easwaran Iyer**, Dean, Commerce, JU
 5. **Dr. Mythili P. Rao**, Dean, Languages, JU
 6. **Dr. Shankar UV**, Director, Sports, JU
 7. **Dr. Geetha Balakrishna**, Director, CNMS, JU
 8. **Dr. Srividya Shivakumar**, Department of Microbiology, CPGS, JU
 9. **Ms. Anitha Abraham**, Department of Microbiology, SGS, JU
 10. **Prof. V. Achutha**, Department of Computer Science, JU
 11. **Dr. Rajdeep Manwani**, Department of Commerce, JU
 12. **Mr. M.S. Santhosh**, Joint Registrar, JU
 13. **Mr. Udaya Kumar Soori**, Deputy Registrar, JU
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The Chairman extended a warm welcome to all the members for the 24th Meeting of the Academic Council. He informed the members that the last Academic Council had discussed on the introduction of new programmes for the academic year 2017-18. In this Academic Council, discussions will be taken up on the revision / fine-tuning of Curriculum Matrix and Syllabus of ongoing programmes that are going to be effective from the academic year 2017-18.

After these preliminary remarks, the Chairman took up the Agenda items for discussion.

Agenda item No. 1 - Confirmation of the minutes of the 23rd meeting held on 25th February, 2017.

The Chairman informed that the copy of the minutes was circulated to all the members and there were no particular suggestions / observations received and therefore he requested the members to confirm the minutes of the last meeting.

The members gave their approval to confirm the minutes of the 23rd meeting of the Academic Council held on 25th February, 2017.

Agenda item no. 2 - Action taken report on : Sanction was obtained from the Board of Management on 18th March, 2017, to introduce the New programmes approved by the Academic Council for the year 2017-18.

The Chairman informed that the new programmes which were approved in the last Academic Council meeting were placed before the meeting of Board of Management on **27th May, 2017**. After detailed discussion, the Board accorded its sanction to start these new programmes in the Academic year 2017-18.

Members appreciated the action taken.

Agenda item no. 3: Discussion items :

The Chairman informed the members that there are many items coming under (a) New Syllabus for the 3-year UG programmes coming under Choice Based Credit System (CBCS) of Semesters III & IV (2016 batch) under agenda item no. 3.1 and (b) New Syllabus & Revised / fine-tuned Curriculum Matrix / Syllabus of ongoing batches under agenda item no. 3.2. These new syllabus / revisions have already been thoroughly discussed and recommended by the respective Boards of Studies of various Faculties. All the details pertaining to these have been circulated by email to all the members for their perusal. Presently, the hardcopy of the complete set of new syllabus, revised & fine-tuned curriculum matrix and syllabus are now placed before the Academic Council.

The Chairman felt that for the sake of Power Point Presentation only a few selected programmes could be taken up.

Agenda item no. 3.1 : To approve the New Syllabus for the following programmes coming under Choice Based Credit System (CBCS) of Semesters III & IV (2016 batch) :

As a preliminary remark on the agenda points for the discussion items, Dr. J. Uchil, Director, Academics & Planning mentioned that the 3-year UG programmes with CBCS pattern as per the UGC guidelines was discussed in depth in the Academic Council of 21st April, 2016 and they were introduced in the last year (2016 batch). In that meeting, the Council had given approval for the entire Curriculum Matrix (of Semesters I to VI) and Syllabus of Semesters I & II. Now, the syllabus of Semesters III and IV, Faculty wise, have been placed before the Academic Council for approval.

Faculty of Commerce

1. Bachelor of Commerce (B.Com.) (with specialisation in Marketing / Finance / Accounting / Finance and Actuarial Studies / Global Business Services / Financial Markets)
2. B.Com. (Honours) in International Finance and Accounting Association of Chartered Certified Accountants (ACCA) – Accredited
3. B.Com. (Honours) in Risk Management Chartered Institute of Management Accountants (CIMA) – Accredited
4. B.Com. (Honours) (with specialization in “Accounting” / “Finance”)
5. BMS (with specialisations in [i.] Financial Services [ii.] International Business)
6. BMS in Tourism & Hospitality Management

Faculty of Humanities & Social Sciences

7. BA (Psychology, Journalism and Optional English)

8. BA (Psychology, Sociology and Economics)
9. BA (Journalism & Mass Communication)

Faculty of Management

10. Bachelor of Business Administration (BBA)

Faculty of Sciences

11. B.Sc. in Physical Sciences – (Physics, Mathematics & Computer Sciences - PMCs)
12. B.Sc. in Life Sciences – (Chemistry, Microbiology & Biotechnology - CMBt)
13. B.Sc. in Forensic Science
14. B.Sc. in Animation
15. B.Sc. in Interior Design
16. Bachelor of Computer Applications (BCA)
17. BCA (with specialisation in Data Analytics / Mobile Applications and Cloud Technology / Information Security and Mobile Applications / Cloud Technology and Information Security)

With regard to the Syllabus of Semesters III & IV, Dr. B.A. Vasu briefly gave details on the B.Com courses, Dr. Sandeep Shastri highlighted on the BA courses. Prof. Dinesh Nilkant gave a brief on the BBA course and B.Sc. (Physical Sciences) was dealt by Dr. J Uchil.

There was a discussion with regard to the Language papers in Generic Elective under Semester III & IV of B.Com. course. Dr. Gururaja was of the opinion that the Language papers are not specific to the commerce discipline and suggested to relook into the need of such papers. Dr. Rajani Jairam and Dr. H.N. Prakruthi stressed that the topics in the Language papers will be related to the Commerce discipline which are offered by Faculty of Commerce, for example, the Sanskrit paper in Generic Elective will have Arthashastra, which gives knowledge of economics to the students. Dr. Vinod suggested to rename the title of 'Gandhian Thoughts and Literary Responses' to 'Gandhian Thought and Literary Responses' in Generic Elective of Semester III. Dr. B.R. Rao suggested to rename the title of 'Stock Market Operations' to 'Capital Market Operations' under Skill Enhancement Course of Semester III. Dr. Vasu agreed to consider the suggestions made.

Members accorded approval for the New Syllabus for all the 3-year programmes coming under Choice Based Credit System (CBCS) of Semesters III & IV (2016 batch).

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 2017-18.)

3.2.1. Faculty of Commerce

a. To approve the New Syllabus for the following programmes :

- i. Bachelor of Commerce (B.Com.) – Semesters V & VI (2015 batch)
- ii. B.Com. (Honours) in International Finance and Accounting (ACCA Accredited) – Semesters V & VI (2015 batch)
- iii. B.Com. (Honours) in Risk Management (CIMA Accredited) - Semesters V & VI (2015 batch)
- iv. B.Com. – Fine-tuned Syllabus of Semester II – Papers ‘Personal Selling & Salesmanship’ and ‘Fundamentals of Marketing Management’ (2016 batch onwards).
- v. M.Com. with specializations in [i] Banking, Finance & Insurance and [ii] Business Studies – Semesters III & IV (2016 batch).

Dr. Vasu presented the details of B.Com and M.Com courses mentioned above to the members.

3.2.2. Faculty of Engineering & Technology

a. To approve the revised Curriculum Matrix and Syllabus for the following 9 B.Tech programmes with implementation of Choice Based Credit System (CBCS) pattern from Semesters I to VIII (2017 batch) :

- i. B.Tech. in Aerospace Engineering
- ii. B.Tech. in Civil Engineering
- iii. B.Tech. in Computer Science & Engineering
- iv. B.Tech. in Computer Science & Engineering with specialization in Cloud Technology and Information Security
- v. B.Tech. in Computer Science & Engineering with specialization in Cloud Technology and Mobile Applications
- vi. B.Tech. in Electrical & Electronics Engineering
- vii. B.Tech. in Electronics & Communication Engineering
- viii. B.Tech. in Information Science & Engineering
- ix. B.Tech. in Mechanical Engineering

Dr. S.A. Hariprasad informed the members that CBCS pattern as per UGC guidelines have been implemented in the B.Tech courses from 2017 onwards. Curriculum

Matrix and Syllabus of Semester I & II are common for all streams. He presented the CBCS Structure with a template of credit allocation for Electronics & Communication Engineering as follows :

Semester	BS	HSS	Core	ES	MC	Dept. Elective	Open Elective	SEC	Total Credits
I	08	03	-	09	03	-	-	-	23
II	08	03	-	09	03	-	-	-	23
III	04	03	13	-	03	-	-	-	23
IV	-	03	17	03	-	-	-	-	23
V	-	-	24	-	-	-	-	-	24
VI	-	-	18	-	-	06	-	-	24
VII	-	-	-	-	-	12	06	04	22
VIII	-	-	-	-	-	-	06	12	18
Total	20	12	72	21	09	18	12	16	180

* Note: BS: Basic Science, HSS: Humanity & Social Science, ES: Engineering Science, MC: Mandatory Course and SEC: Skill Enhancement Course

Dr. J. Gururaja appreciated the work done with regard to the implementation of CBCS pattern in all B.Tech courses by the Board of Studies as per UGC Guidelines. The Chairman advised Dr. Hariprasad to take experts opinion in consultation with the external members, namely, Dr. R. Natarajan, Dr. J. Gururaja and Prof. E.S. Dwarakadasa before starting the courses under CBCS pattern. In the Curriculum Matrix the Open Electives which are going to be offered by the concerned department was listed under Open Electives, Dr. Sandeep Shastri pointed out that actually it should be Open Electives offered to the students from other departments. Dr. Hariprasad readily agreed to correct the Curriculum Matrix accordingly.

b. To approve the revised Curriculum Matrix / Syllabus for the following programmes :

i. Revised Curriculum Matrix - Semesters VII and VIII (2014 batch) -

- B.Tech. in Aerospace Engineering
- B.Tech. in Civil Engineering
- B.Tech. in Computer Science & Engineering
- B.Tech. in Electrical & Electronics Engineering
- B.Tech. in Electronics & Communication Engineering
- B.Tech. in Information Science & Engineering
- B.Tech. in Mechanical Engineering

Dr. Hariprasad gave a brief background on the revision made in the Curriculum Matrix of Semesters VII & VIII (2014 batch) in order to accommodate Internship. Dr. Natarajan and Dr. Gururaja mentioned that the internship / project work must be aimed at giving more industry exposure. Dr. Uchil suggested to make it mandatory to receive & evaluate the Internship Report just like that of Project Report.

ii. **New Syllabus - Sem III to VI (2016 batch) -**

- B.Tech. in Computer Science & Engineering (CSE)
- B.Tech. in CSE (with specialization in Cloud Technology and Information Security / Cloud Technology and Mobile Applications)
- B.Tech. in Information Science & Engineering (ISE)

Dr. Hariprasad briefly presented the new syllabus from Semesters III to VI of the above programmes introduced in 2016. Dr. R. Natarajan suggested to look into renaming the title of the specialization from 'Cloud Technology and Information Security' to 'Cloud Technology and Cyber Security' as Cyber Security covers Information Technology, Computers and Internet. Dr. Hariprasad agreed to look into the suggestions after an interactive session with experts from these areas.

iii. **Revision of Curriculum Matrix and Syllabus in the following 8 M.Tech programmes - Sem I to IV (2017 batch) -**

1. M.Tech. in Aerospace Engineering (with specialization in Aerospace Structures).
2. M.Tech. in Aerospace Engineering (with specialization in Avionics).
3. M.Tech. in Aerospace Engineering (with specialization in Aerodynamics).
4. M.Tech. in Aerospace Engineering (with specialization in Aircraft Propulsion).
5. M.Tech. in Computer Science & Engineering
6. M.Tech. in Embedded System Design
7. M.Tech. in Energy Management & Climate Change Technology
8. M.Tech. in Food Technology

Prof. Sridhara Murthi highlighted on the revision made in the Curriculum Matrix to bring in uniformity of credits across all M.Tech courses. 'Research Methodology' was newly added as a core paper under Semester III. Dr. Natarajan suggested to include subject specialization in Missiles and Space-related propulsion in M.Tech. (Aerospace Engineering) courses. Prof. Murthi agreed to include after discussions with concerned organizations like DRDO / ISRO & others.

3.2.3. Faculty of Humanities and Social Sciences

- a. To approve the revised / fine-tuned Curriculum Matrix / Syllabus for the following programmes :
- BA (Psychology, Journalism and Optional English) & (Psychology, Sociology and Economics) – Revised Syllabus – Semesters V & VI (2015 batch)
 - Master of Performing Arts (MPA) in Dance – Revised Curriculum Matrix and Syllabus – Semesters I to IV (2017 batch).
 - Master of Performing Arts (MPA) in Music – Revised Curriculum Matrix and Syllabus – Semesters I to IV (2017 batch).
 - MA in Economics – Revised Syllabus - Semester I & II
 - MA in Economics – Fine-tuned Syllabus - Semester III - paper MAECO303 'Indian Economic Policy' (2016 batch).

Dr. Sandeep Shastri briefly explained on the revised Curriculum Matrix and Syllabus of MPA in Dance and MPA in Music. He stated that the elements in the topics covered have been made in consonance with the title of the paper.

3.2.4. Faculty of Management

- a. To approve the revised Curriculum Matrix / Syllabus for the following programmes :
- BMS in Tourism and Hospitality Management – Syllabus of Semesters V & VI (2015 batch)
 - MBA in Airport, Aviation & International Business Management -
 - Revised Curriculum Matrix & Syllabus - Semester I (2017 batch).
 - Syllabus - Semesters III & IV (2016 batch).

Prof. Sridhara Murthi mentioned that there had been two main aspects to the revisions proposed in the Curriculum Matrix of Semester I of the MBA programme in Airport, Aviation & International Business Management, namely, (a) addition of introductory background course on 'Commercial Aviation Business' to empower the students when they undertake industry visits / internship during the intercession period between Semesters I & II, and (b) addition of "Computer Application for Business activities" as a core course instead of value adding activity based on the feedback received from industry representatives during consultation process. He also mentioned that detailed syllabus drawn in accordance with the Curriculum

Matrix approved earlier for the Semesters III & IV of the above programme is now placed for approval of the Academic Council. The details of revision that are going to be done in the following 5 MBA programmes for AY 2017-18 will be dealt in next Academic Council.

- i. Master of Business Administration
(Single specialization in : Marketing)
- ii. Master of Business Administration
(Single specialization in : Finance)
- iii. Master of Business Administration
(Entrepreneurship and Family Business Management)
- iv. Master of Business Administration
(Dual specialization in : Marketing & Finance)
- v. Master of Business Administration
(Dual specialization in : Marketing & Human Resource Management)

3.2.5. Faculty of Sciences

- a. To approve the revised / fine-tuned Curriculum Matrix / Syllabus for the following programmes :
 - i. M.Sc. in Animation –Revised Curriculum Matrix and Syllabus - Sem I to IV (2017 batch)
 - ii. M.Sc. in Biotechnology
 - Fine-tuned Syllabus of MSCBT101 ‘Basic Mathematics and Biostatistics’, MSCBT201 ‘Molecular Biophysics’ and MSCBT203 ‘Immunology & Medical Biotechnology’ (2017 batch).
 - Semester III - Change in title of Lab paper, MSCBT305R from ‘Plant, Animal, Environmental Biotechnology and Bioinformatics’ to ‘Applied Biotechnology and Bioinformatics’
 - iii. M.Sc. in Microbiology - Semester III - Change in title of Lab paper, MSCMB305R from ‘Recombinant DNA Technology, Environmental, Food, & Industrial Techniques’ to ‘Applied Microbiology and RDT’.

Dr. K.N. Varalakshmi and Dr. T. Padmavathi briefed the changes made in M.Sc. in Biotechnology and M.Sc. in Microbiology respectively as details given above.

The Chairman appreciated the members for the discussions. He made an appeal to all the Deans / HoDs to avoid fine-tuning / revision of the Syllabus every year, as it is causing burden to the Examination Unit. Instead, fine-tuning / revision can be brought in once in 2 or 3 years. However, introduction of new & innovative courses are always welcome.

The Academic Council approved the revised Curriculum Matrix & Syllabus specified in the agenda 3.2 for 26 PG programmes which are effective from the academic year 2017-18.

Agenda item no. 4: Reporting Item :**4.1. Applied for NAAC Reassessment.**

The Chairman reminded the members that the University was planning to go for NAAC Reassessment. He was happy to inform the members that, the Letter of Intent submitted to NAAC has been accepted and University is going to upload the Self Study Report within a couple of weeks. There could be a visit of NAAC peer team during June / July 2017.

Agenda item no. 5: Any other matter:**Agenda item no. 5.1. : B.Sc. (Hons.) in Forensic Science – Revised Syllabus of Semesters I & II – 2017 batch.**

Dr. J Uchil informed the members that the new B.Sc. (Hons.) course in Forensic Science slated to start from this year (2017) was discussed in the last Academic Council meeting and the Curriculum Matrix and Syllabus of Semesters I & II were approved. This course is going to be recognized by the Chartered Society of Forensic Sciences (CSOFS). In this regard, CSOFS has suggested a few changes in the Syllabus contents in certain papers of Semesters I & II and the Curriculum Matrix remains unchanged. The changes suggested in the Syllabus of Semesters I & II were circulated to the Board of Studies of Forensic Science and we have received their recommendation to adopt those changes. Now, the revised Syllabus of Semesters I & II for B.Sc. (Hons.) in Forensic Science for 2017 batch is placed before the Academic Council and requested for the approval.

The Academic Council approved the revised Syllabus for Semesters I & II of B.Sc. (Hons.) in Forensic Science for 2017 batch.

Agenda item no. 5.2. : Karnataka State Universities Rating Framework

The Chairman was happy to inform the august gathering that the Executive Committee of the Karnataka State Higher Education Council, Department of Higher Education, Government of Karnataka on the recommendation of the duly appointed agency ICARE RATINGS has rated Jain University as a four star institution with a score of 661 out of 1000 in the Category of Young University (5 to 10 years) on the basis of comprehensive performance metrics as set out in the Karnataka State Universities Rating Framework (KSURF) in its notification dated 31st March, 2017. Jain University is placed 2nd in the Karnataka Universities Score Card in the category of Young Universities.

Members congratulated the University Management and appreciated the efforts put in for this success.

Agenda item no. 5.3. : Programmes offered for AY 2017-18 and sanctioned intake thereof.

The Chairman informed that after successful implementation of Choice Based Credit System in the University for 3-year UG programmes in AY 2016-17, the Choice Based Credit System for B.Tech programmes will be implemented from the AY 2017-18.

Out of the total 76 Programmes being offered for AY 2017-18, 27 UG programmes and 11 B.Tech programmes will have the Choice Based Credit System (CBCS), 35 PG and PhD programmes will continue with Elective course system and PG Diploma in Sports Psychology / Counselling will be standalone.

Discussions were held on the sanctioned intake for ongoing and new programmes offered in 2017-18, 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
	LIST OF UG PROGRAMMES WITH CBCS	
1	Bachelor of Commerce	450
2	Bachelor of Commerce (Honours) in Risk Management	30
3	Bachelor of Commerce (Honours) in International Accounting and Finance	110
4	Bachelor of Commerce (Honours) in Accounting and Finance	75
5	Bachelor of Commerce (Honours) in Logistics and Supply Chain Management *	10
6	Bachelor of Business Administration	780
7	Bachelor of Management Studies (International Business)	90
8	Bachelor of Management Studies (Financial Services)	30
9	Bachelor of Management Studies (Tourism and Hospitality Management)	60
10	Bachelor of Management Studies (International Finance) *	90
11	Bachelor of Management Studies (Aviation Management) *	15
12	Bachelor of Arts (Journalism and Mass Communication)	110
13	Bachelor of Arts (Optional English, Psychology, Journalism)	110
14	Bachelor of Arts (Psychology, Sociology, Economics)	45
15	Bachelor of Computer Applications	30
16	Bachelor of Computer Applications (Cloud Technology and Information Security)	200
17	Bachelor of Computer Applications (Information Security and Mobile Applications)	
18	Bachelor of Computer Applications (Data Analytics)	
19	Bachelor of Computer Applications (Mobile Applications and Cloud Technology)	
20	Bachelor of Computer Applications (Internet of Things and Services) *	45
21	Bachelor of Science (Chemistry, Microbiology, Biotechnology)	70

22	Bachelor of Science (Interior Design)	110
23	Bachelor of Science (Physics, Mathematics, Computer Science)	45
24	Bachelor of Science (Forensic Science)	100
25	Bachelor of Science (Honours) in Forensic Science *	110
26	Bachelor of Science (Digital Filmmaking) *	25
27	Bachelor of Science (Animation)	70
LIST OF B.TECH PROGRAMMES WITH CBCS		
28	Bachelor of Technology (Aerospace Engineering)	150
29	Bachelor of Technology (Civil Engineering)	45
30	Bachelor of Technology (Electronics & Communication Engineering)	120
31	Bachelor of Technology (Electrical & Electronics Engineering)	20
32	Bachelor of Technology (Mechanical Engineering)	90
33	Bachelor of Technology (Information Science & Engineering)	45
34	Bachelor of Technology (Computer Science & Engineering)	120
35	Bachelor of Technology (Computer Science & Engineering) with specialization in Mobile Applications and Cloud Technology	60
36	Bachelor of Technology (Computer Science & Engineering) with specialization in Cloud Technology and Information Security	60
37	Bachelor of Technology (Hons.) in Computer Science with Specialisation in Data Science *	45
38	Bachelor of Technology (Computer Science & System Engineering) with Specialisation in Internet of Things *	60
Sanctioned intake for UG programmes		3625
LIST OF PG PROGRAMMES WITH ELECTIVE COURSE SYSTEM (ECS)		
39	Master of Science (Physics)	20
40	Master of Science (Biotechnology)	30
41	Master of Science (Microbiology)	20
42	Master of Science (Biochemistry)	10
43	Master of Science (Chemistry)	10
44	Master of Science (Animation)	20
45	Master of Science (Forensic Science)	40
46	Master of Science (Psychology)	60
47	Master of Science (Information Technology)	20
48	Master of Commerce (Financial Analysis)	45
49	Master of Commerce	40
50	Master of Arts (Economics)	10
51	Master of Arts (Journalism & Mass Communication)	30
52	Master of Performing Arts (Music)	10
53	Master of Performing Arts (Dance)	10
54	Master of Arts (English)	20
55	Master of Computer Applications (MCA)	15
56	Master of Computer Applications (Information Security Management Services)	80
57	Master of Computer Applications (Storage and Cloud Technology)	
58	Master of Business Administration (Marketing)	150
59	Master of Business Administration (Finance)	120

60	Master of Business Administration (Human Resource Management) *	20
61	Master of Business Administration (Marketing and Finance)	80
62	Master of Business Administration (Marketing and Human Resources Management)	60
63	Master of Business Administration (Airport Aviation and International Business Management)	60
64	Master of Business Administration (Entrepreneurship & Family Business Management)	30
65	Master of Technology (Computer Science & Engineering)	9
66	Master of Technology (Food Technology)	27
67	Master of Technology (Energy Management and Climate Change Technology)	9
68	Master of Technology (Embedded Systems Technologies)	9
69	Master of Technology (Building Science and Technology)	9
70	Master of Technology (Aerospace Engineering) with specialisation in Avionics	9
71	Master of Technology (Aerospace Engineering) with specialisation in Aerospace Structures	9
72	Master of Technology (Aerospace Engineering) with specialisation in Aircraft Propulsion	9
73	Master of Technology (Aerospace Engineering) with specialisation in Aerodynamics	9
STANDALONE PG DIPLOMA PROGRAMMES		
74	Post Graduate Diploma in Psychological Counselling	10
75	Post Graduate Diploma in Sports Psychology	10
Sanctioned intake for PG programmes		1129
Total Sanctioned intake for UG & PG programmes		4754
76	Doctor of Philosophy (ECS)	

** New programmes introduced in AY 2017-18 (UG with CBCS)*

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. 5.4 : The list of Programmes revised for AY 2017-18.

The list of 26 Programmes discussed in agenda item 3.2 that are revised for AY 2017-18 are given below :

Under Graduate (PG) Programmes**Faculty of Engineering and Technology**

1. Bachelor of Technology
(Aerospace Engineering)
2. Bachelor of Technology
(Civil Engineering)
3. Bachelor of Technology
(Computer Science & Engineering)
4. Bachelor of Technology
(Computer Science & Engineering)
with specialization in Cloud Technology and Information Security
5. Bachelor of Technology
(Computer Science & Engineering)
with specialization in Mobile Applications and Cloud Technology
6. Bachelor of Technology
(Information Science & Engineering)
7. Bachelor of Technology
(Mechanical Engineering)
8. Bachelor of Technology
(Electronics & Communication Engineering)
9. Bachelor of Technology
(Electrical & Electronics Engineering)

Post Graduate (PG) Programmes**Faculty of Engineering and Technology**

10. Master of Technology
(Aerospace Structures)
11. Master of Technology
(Avionics)
12. Master of Technology
(Aerodynamics)
13. Master of Technology
(Aircraft Propulsion)
14. Master of Technology
(Computer Science & Engineering)
15. Master of Technology
(Food Technology)
- Under MOFPI's innovative HRD schemes

16. Master of Technology
(Energy Management Climate Change Technology)
17. Master of Technology
(Embedded System Design)

Faculty of Sciences

18. Master of Science
(Animation)

Faculty of Humanities and Social Sciences

19. Master of Performing Arts
(Dance)
20. Master of Performing Arts
(Music)

Faculty of Management

21. Master of Business Administration
(Single specialization in : Marketing)
22. Master of Business Administration
(Single specialization in : Finance)
23. Master of Business Administration
(Entrepreneurship and Family Business Management)
24. Master of Business Administration
(Airport, Aviation & International Business Management)
25. Master of Business Administration
(Dual specialization in : Marketing & Finance)
26. Master of Business Administration
(Dual specialization in : Marketing & Human Resource Management)

The members approved all the revised Programmes for the AY 2017-18.

Agenda item no. 5.5 : Total Courses offered during AY 2017-18.

The Chairman informed the members that the number of Courses offered for the AY 2017-18 are 2512. Out of these, 711 courses are going to be newly introduced for the AY 2017-18. 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 :

New Courses Department-wise	AY 2017-18
1. Aerospace Engineering	61
2. Information Science & Engineering	24

New Courses Department-wise	AY 2017-18
3. Computer Science & Engineering	21
4. Mechanical Engineering	31
5. Electrical & Electronics Engineering	14
6. Electronics & Communication Engineering	36
7. Civil Engineering	44
8. Food Technology	18
9. Commerce	60
10. Management Studies	42
11. Computer Science & IT	94
12. Biotechnology & Genetics	15
13. Microbiology & Botany	23
14. Biochemistry	23
15. Chemistry	5
16. Forensic Science	43
17. Psychology	31
18. Physics & Electronics	31
19. Economics & Social Sciences	19
20. Journalism & Mass Communication	42
21. Performing Arts & Cultural Studies	31
22. Languages	-
23. Art & Design	3
Total	711

The members appreciated the outcomes achieved by the Departments.

Agenda item no. 5.6 : List of Value Added Courses (VAC) offered outside the curriculum during AY 2017-18.

The Chairman informed the members that 68 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 2017-18. 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 :

#	Value Added Courses	Department
1	Certification in Unmanned Aerial Vehicle (UAV) Designer	Aerospace & Mechanical Engineering
2	Certification in Fire Safety Building Technology	Civil Engineering
3	Certification in Fundamental Analysis	Commerce
4	Certification in Private Banking	Commerce
5	Certification in Security Analysis and Portfolio Management	Commerce
6	Certification in Corporate Communication	Commerce

#	Value Added Courses	Department
7	Certification in GST	Commerce
8	Certification in Business Communication	Commerce
9	Certification in Tally	Commerce
10	Capital markets (dealers module) Certification Examination	Commerce
11	Certification in Capital Markets	Commerce
12	Certified Program in Entrepreneurship & Business Management	Commerce
13	Statistical Packages for Social Sciences - SPSS	Commerce
14	Certified Program in Business Analytics	Commerce
15	Certification in Software Testing	Computer Science & Engineering
16	Server Side Scripting using Python	Computer Science & Engineering
17	Training on Oracle DBA	Computer Science & IT
18	Certification in Organizational Design and Management	Computer Science & IT
19	Game Design and Development using Unity 3D	Computer Science & IT
20	Certification in Python	Computer Science & IT
21	Certification in Web Designing using PHP & JQuery	Computer Science & IT
22	Certificate In Remote Sensing and GIS	Computer Science & IT
23	Software Testing Tools	Computer Science & IT
24	Certification in C # & .Net Programming	Computer Science & IT
25	Oracle Workforce Development	Computer Science & IT
26	Oracle and MongoDB	Computer Science & IT
27	Advanced Java Script	Computer Science & IT
28	Object Oriented Programming Concepts	Computer Science & IT
29	High Performance Computing	Computer Science & IT
30	Certification in Perl Programming	Computer Science & IT
31	Certification in Soft Computing	Computer Science & IT
32	Certification course Introduction to Latex	Computer Science & IT
33	Deep Learning	Computer Science & IT
34	Certificate in Tableau	Computer Science & IT
35	Certification in Power Systems Automation Analyst	Electrical and Electronics Engineering
36	Certification in Embedded Systems Designer	Electronics & Communication Engineering
37	Certification in Cyber Forensics	Forensic Science
38	Certified Forensic Fraud Examiner	Forensic Science
39	Certification in DevOps	Information Science & Engineering
40	Certification in Materials Analyst	Information Science & Engineering
41	Certificate in advanced professional communication	Journalism and Mass Communication
42	Certification in Organizational Behaviour	Journalism and Mass Communication
43	Certification in Personality Development & Inter Personal Skills	Journalism and Mass Communication
44	Certification in Business and Personal Etiquettes	Journalism and Mass Communication
45	Certificate in Content Marketing	Journalism and Mass Communication

#	Value Added Courses	Department
46	Certification in Logical & Verbal Aptitude	Languages
47	Certification course in Communication and Public Speaking	Languages
48	Certification course in Personality Development	Languages
49	Certification in Consumer Behaviour	Management Studies
50	Certification in E Commerce	Management Studies
51	Certification in Strategic Brand Management	Management Studies
52	Professional Certificate in Marketing	Management Studies
53	Certification in Family Managed Business	Management Studies
54	Certification in Advertising Management	Management Studies
55	Certification in Export & Import Documentation	Management Studies
56	Certification in Event Management	Management Studies
57	Scaling Operations: Linking Strategy	Management Studies
58	Certificate in Social Media Marketing	Management Studies
59	Certificate in Strategic Human Resource Management	Management Studies
60	Certificate in Corporate Finance	Management Studies
61	Certification in Fundamentals of Digital Marketing	Management Studies
62	Certification in Performance Management	Management Studies
63	3D Animation using Blender	Mechanical Engineering
64	Certification in Augmented Reality And Virtual Reality	Physics & Electronics
65	Certification Program in Fluid Dynamics (CFD)	Physics & Electronics
66	Certificate Program On learning with Games in Higher education	Physics & Electronics
67	Certification program on Creo for Design engineers	Physics & Electronics
68	Certificate in Counselling Psychology	Psychology

The members appreciated and approved all the 68 Value Added Courses for AY 2017-18.

Agenda item no. 5.7 : Action Taken Report on the Feedback from the Stakeholders for the AY 2016-17.

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 the stakeholders, namely, Students, Faculty members, Potential Employers and Alumni. Dr. R. Natarajan and Dr. J. Gururaja suggested to benchmark the courses for their sustainability. The Chairman advised the Deans & HoDs to take up the suggestions in right earnest.

It was also observed that the following B.Com (Honours) and BMS programmes are accredited with global professional bodies to help students to be well prepared to be accepted by market / industry, as per the feedback from stakeholders.

1. Bachelor of Commerce (Honours)
(International Finance and Accounting)
- accredited with Association of Chartered Certified Accountants (ACCA), UK

2. Bachelor of Commerce (Honours)
(Risk Management)
- *accredited with Chartered Institute of Management Accountants (CIMA), UK*
3. Bachelor of Commerce (Honours)
(Logistics & Supply Chain Management)
- *accredited with Chartered Institute of Procurement & Supply (CIPS), UK*
4. Bachelor of Commerce (Honours)
(Accounting and Finance)
- *accredited with Certified Management Accountant CMA, USA*
5. Bachelor of Management Studies
(International Finance)
- *accredited with Chartered Global Management Accountants (CGMA), UK*

To adapt to the relevant contents and in-line with current trends the as per the feedback of the stakeholders, new courses related to IoT, Block-chain, Mobile and Cloud computing, Cloud Security, Data center Architecture have been introduced in BCA programme.

With regard to the Humanities and Social Sciences, emphasis was given to introduce skill enhancement papers like Translation Studies, Linguistics for Department of Languages.

Members noted and expressed their appreciation.

Agenda item no. 5.8 : Dr. Natarajan suggested that the University can take part in MHRD's National Institutional Ranking Framework (NIRF). The Chairman informed that the University plans to take part in NIRF, most likely, after completing the process of NAAC Reassessment.

At the end, the Registrar thanked the Vice Chancellor for chairing the meeting and all the members for their pro-active participation in the proceedings of this meeting.



Registrar
Jain University


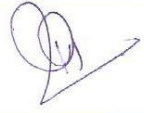



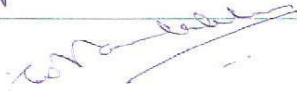
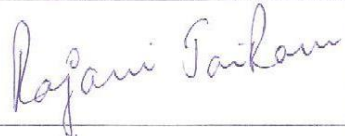
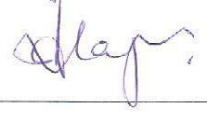
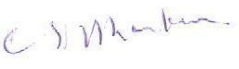

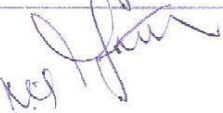
24th Meeting of the Academic Council

Saturday, 8th April 2017

Sl	NAME	SIGNATURE
1	Dr. N. Sundararajan, Vice Chancellor, JU & Chairman, AC	<i>N. Sundararajan</i>
2	Dr. R. Natarajan, Former Chairman, AICTE and Former Director, IIT-M	<i>R. Natarajan</i>
3	Dr. J Gururaja, Former Adviser, Ministry of New and Renewable Energy, GOI and Former Senior Adviser, United Nations, New York	<i>J. Gururaja</i>
4	Dr. M.J. Vinod, Professor, Department of Political Science, Bangalore University	<i>M.J. Vinod</i>
5	Mr. A.K. Vora, Former Director, Tata Consulting Engineers Ltd.	— ABSENT —
6	Dr. M.C. Radhakrishna, Professor (retd.) & Former Chairman, Dept of Physics, Bangalore University	<i>Dr. M.C. Radhakrishna</i> 8-4-17
7	Dr. Sandeep Shastri, Pro Vice Chancellor, JU	<i>Sandeep Shastri</i>
8	Dr. Mithileshwar Jha, Pro Vice Chancellor, JU	— ABSENT —
9	Prof. K.S. Shantamani, Chief Mentor, JGI	— ABSENT —
10	Dr. Jayagopal Uchil, Director, Academics and Planning, JU	<i>Jayagopal Uchil</i>
11	Dr. Easwaran Iyer, Dean, Commerce, JU	— ABSENT —
12	Dr. Mythili P. Rao, Dean, Languages, JU	— ABSENT —





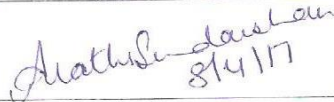
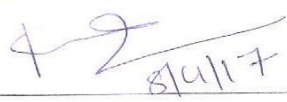



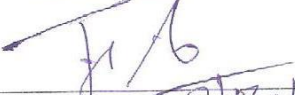
24th Meeting of the Academic Council

Saturday, 8th April 2017

Sl	NAME	SIGNATURE
13	Dr. Harold Andrew Patrick, Dean, Academics, CMS Business School, JU	
14	Dr. S.A. Hariprasad, Director, SET, JU	
15	Prof. K.R. Sridhar Murthi, Director, IIAEM, JU	
16	Prof. Dinesh Nilkant, Director, CMS, JU	
17	Dr. Vasu B.A., Director, SCMS, JU	
18	Dr. K.N. Varalakshmi, Director, CPGS, JU	
19	Dr. Rajani Jairam, Dean, Student welfare, JU	
20	Dr. Asha Rajiv, Director, IQAC, JU	
21	Dr. Bhaskar Dixit, Director, FCRC, JU	
22	Mr. Shankar UV, Director, Sports, JU	— ABSENT —
23	Dr. Geetha Balakrishna, Director, CNMS, JU	— ABSENT —
24	Dr. Rajan K E Varghese, Director, School of Law, JU	
25	Prof. N.S. Manjunath, Controller of Examinations, JU	


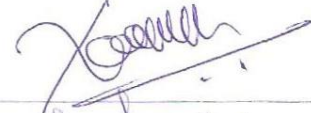
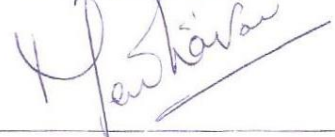



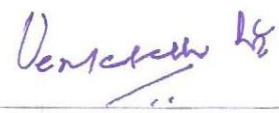
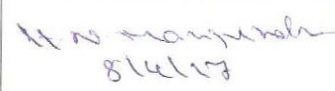
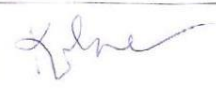
24th Meeting of the Academic Council

Saturday, 8th April 2017

Sl	NAME	SIGNATURE
26	Dr. T. Padmavathi, Department of Microbiology, CPGS, JU	
27	Dr. Veena V. Nagaraj, Department of Chemistry, SGS, JU	 8/4/17
28	Dr. Shanti Iyer, Department of Forensic Science, SGS, JU	
29	Dr. Srividya Shivakumar, Department of Microbiology, CPGS, JU	— ABSENT —
30	Dr. N. Shanthi, Department of Physics, CPGS, JU	
31	Dr. Arathi Sudarshan, Department of Mathematics, SGS, JU	 8/4/17
32	Ms. Anitha Abraham, Department of Microbiology, SGS, JU	— ABSENT —
33	Prof. V. Achutha, Department of Computer Science, JU	— ABSENT —
34	Capt. Rekha Sinha, School of Interior Design, JU	 8/4/17
35	Dr. V Muralidhara, Department of Electrical & Electronics Engineering, SET, JU	 8/4/17
36	Prof. V. Parameswaran, Department of Aerospace Engineering, IIAEM, JU	 8-4-17
37	Dr. Benaka Prasad, Department of Basic Sciences, SET, JU	 8/4/17
38	Dr. Jitendra Mishra, Department of Management, MIME, JU	 08/04/2017

24th Meeting of the Academic Council

Saturday, 8th April 2017

Sl	NAME	SIGNATURE
39	Dr. B.R. Rao, Department of Management, CMS B School, JU	
40	Dr. Rajdeep Manwani, Department of Commerce, JU	— ABSENT —
41	Dr. Xavier V.K., Department of PG Studies in Economics, School of Humanities & Social Sciences, JU	
42	Prof. S. Madhavan, Department of Mass Communication, CMS, JU	
43	Dr. H.N. Prakruthi, Department of English, SGS, JU	
44	Dr. Aravind Kumar, Department of Hindi, JU	
45	Col. TNC Vijayasarathy VSM, Department of Mind Management, JU	
46	Dr. B T Venkatesh, Advisor, Examinations Unit, JU	
47	Mr. M.S. Santhosh, Joint Registrar, JU	— ABSENT —
48	Mr. Udaya Kumar Soori, Deputy Registrar, JU	— ABSENT —
49	Mr. H.N. Manjunath, Chief Librarian, JU	
50	Prof. N V H Krishnan, Registrar, JU & Member Secretary, AC	
51	