

**Minutes of the 33rd Meeting of the Academic Council, held on Thursday, 13th August, 2020
at 11.00 am through online platform.**

The following members were present :

1. **Col. (Hony.) Dr. N. Sundararajan**, Vice Chancellor, JU & Chairman, AC
2. **Dr. Sandeep Shastri**, Pro Vice Chancellor
3. **Prof. K.R. Sridhara Murthi**, Director, Academics & Planning
4. **Dr. Easwaran Iyer**, Dean, Faculty of Commerce
5. **Dr. S.A. Hariprasad**, Director, School of Engineering & Technology
6. **Dr. Dinesh Nilkant**, Dean, Faculty of Management
7. **Dr. K.N. Varalakshmi**, Director, School of Sciences B-I
8. **Dr. Rajani Jairam**, Dean, Student welfare
9. **Dr. Asha Rajiv**, Director, School of Sciences B-II & Director, IQAC
10. **Dr. Bhaskar Dixit**, Director, Fire & Combustion Research Centre
11. **Dr. Geetha Balakrishna**, Director, Centre for Nano & Material Sciences
12. **Prof. N.S. Manjunath**, Controller of Examinations
13. **Dr. Srividya Shivakumar**, Department of Microbiology, School of Sciences B-I
14. **Dr. N. Shanthi**, Department of Physics, School of Sciences B-I
15. **Dr. Arathi Sudarshan**, Department of Mathematics, School of Sciences B-II
16. **Prof. V. Achutha**, Department of Computer Science
17. **Major Dr. Rekha Sinha**, Director, School of Humanities & Social Sciences & School of ID
18. **Dr. Benaka Prasad**, Department of Basic Sciences, School of Engineering & Technology
19. **Dr. Xavier V.K.**, Department of PG Studies in Economics, School of Humanities & Social Sciences
20. **Dr. Arvind Kumar**, Department of Hindi
21. **Shri. M.S. Santhosh**, Joint Registrar
22. **Shri. H.N. Manjunath**, Chief Librarian
23. **Dr. N V H Krishnan**, Registrar, JU & Member Secretary, AC

External Members :

24. **Dr. R. Natarajan**, Former Chairman, AICTE and Former Director, IIT-M
25. **Shri. A.K. Vora**, Chairman, TATADLT, Pune & Former Director, Tata Consulting Engineers Ltd.
26. **Dr. J Gururaja**, Former Adviser, Ministry of New and Renewable Energy, GOI and Former Senior Adviser, United Nations, New York
27. **Dr. M.C. Radhakrishna**, Professor (retd.) & Former Chairman, Dept of Physics, Bangalore University

Special Invitees :

28. **Dr. Letha J**, Pro Vice Chancellor
29. **Dr. S Ghosal**, Dean, School of Design
30. **Dr. M. N. Nachappa**, Professor and Head, School of CS&IT
31. **Dr. Kuldeep Sharma**, Head, School of Computer Science & Engineering
32. **Dr. Sonam Mansukhani**, Assistant Dean – Academics, School of Humanities & Social Sciences
33. **Dr. Rajasimha A Makaram**, Associate Director, Industry-Institute Interface
34. **Dr. Shradha Kanwar**, Chief Learning Officer, iNurture Education Solutions Private Limited
35. **Dr. Parthasarathi R**, Deputy Controller of Examinations
36. **Dr. Gopalakrishna K**, Deputy Controller of Examinations
37. **Dr. Antonio Davis**, Director in charge, IIAEM
38. **Mr. Varunan Balasubramaniam**, Project Head - Creative Education, ISDC

Leave of Absence Intimated :

1. **Dr. M.J. Vinod**, Professor, Department of Political Science, Bangalore University
 2. **Prof. K.S. Shantamani**, Chief Mentor, JGI
 3. **Dr. Mythili P. Rao**, Dean, Languages
 4. **Dr. Harold Andrew Patrick**, Dean, Academics, CMS Business School
 5. **Dr. Shankar UV**, Director, Sports
 6. **Ms. Anitha Abraham**, Department of Microbiology, School of Sciences B-II
 7. **Dr. B.R. Rao**, Department of Management, CMS B School
 8. **Dr. Rajdeep Manwani**, Department of Commerce
 9. **Col. TNC Vijayasathy VSM**, Department of Mind Management
 10. **Dr. B T Venkatesh**, Advisor, Examinations Unit
 11. **Shri. Udaya Kumar Soori**, Deputy Registrar
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The Registrar extended a warm welcome to all the members and special invitees to the 33rd Meeting of the Academic Council, which was organized through virtual mode for the first time after the lockdown of academic campuses due to Covid-19 pandemic.

The Chairman took up the agenda items for discussion.

Agenda item No. 1 - Confirmation of the minutes of the 32nd meeting held on 5th October, 2019.

The Chairman informed that the copy of the minutes was circulated to all the members and that there were no suggestions / observations received in this matter. He requested the members to confirm the minutes of the last meeting.

The members confirmed the minutes of the 32nd meeting of the Academic Council held on 5th October, 2019.

Agenda item no. 2 : Action Taken Report :

The Chairman mentioned that the following progress has been achieved with regard to action item which arose during discussion by the Academic Council in the last meeting on advancing Research and Innovation :

- A status review was organized on 20th January, 2020 on R&D activities & accomplishments having potential for collaboration.
- 18 R&D projects presented by the leaders of R&D teams.
- Participation included External Members of the Academic Council and of the Board of Management. Suggestion were made to organise a special workshop, with participation of potentially interested industries.

- An Executive Committee of the University was setup with Dr. Geetha Balakrishna as the Chairperson.
- It was proposed to have a focused Workshop to explore opportunities for “**R&D Collaboration and Innovation**”, with participation of eminent personalities from industries / international funding bodies.
- Scheduling of the workshop is awaited.

At the request of the Chairman, Dr. Geetha Balakrishna gave a brief presentation to update on the steps taken towards this Industry – Academia interaction. She recalled the status review held on 20th January, 2020 by the external members. There were 50 presentations made by the active researchers and out of which 18 have been shortlisted which were focused & had potential. She mentioned that the purpose was to find suitable Industry partners for advancing the research work to the next level (Technology Commercialization) taking account of their needs. She presented 18 proposals that were shortlisted based on the inputs from screening committee, as follows.

Sl.	Principal Investigator	Title
1	Dr. Srividya Shivakumar	Cost effective production of bioplastics (polyhydroxyalkanoates) by bacillus spp.
2	Dr. Aranganathan V	Development of Laboratory Scale Microbial Fuel Cell with Efficient Electrogenic Bacterial Cultures
3	Dr. Bindhu O S	Cheese making- via Enzyme and recovery, medicinal cheese.
4	Dr. G Subbulakshmi	Use of vermicomposting biotechnology for recycling sericulture wastes in agriculture enhancement of socio-economic prosperity in Karnataka
5	Dr. H Adarsha Dr. Sunil Bhat	Improvement of wear, corrosion and bio-fouling resistance of AH36 steel using composite ceramic coating (sic and tib2) deposited by HVOF for marine applications
6	Dr. S K Nataraj	Easy to use and affordable domestic water treatment kit: one solution to many problems
7	Dr. Siddappa A Patil	A green and sustainable nanocatalysts for organic transformation of industrial applications.
8	Dr. Amit Kumar Tyagi	Discovery, synthesis, bio-evaluation and clinical translations of new drugs for the diagnosis and therapy of human diseases.
9	Dr. Adarsha H and Team	Development of non-destructive testing methods for coconut quality assurance
10	Dr. Srikantha H	Hospital wastewater treatment using electrochemical coagulation and nano-adsorbents
11	Dr. S Dinesh	3d printing of custom bioactive and bioresorbable surgical screws, pins and fracture implants for ortho and dental applications.

Sl.	Principal Investigator	Title
12	Dr. Asha	Development of thermophilic microbial consortium to hasten the composting of sugar mill and distillery wastes.
13	Dr. Bhaskar Dixit	Boron at Large Scale
14	Deepa T P	Automated pre-screening analyzer(pap) for cervical cancer
15	Usha M S	Textile effluent treatment using bacterial consortia immobilized on polyurethane foam and scrubber
16.	Aerospace	Design development and fabrication of multifunctional composite (mfc) structures
17	Dr. Bindhu O S	Combinatorial effect of medicinally important plant extracts for their hemostatic and wound healing potentials
18	Dr. Varalakshmi K N	Purification and characterization of anticancer pigments from actinomycetes and validation of their bioactivity.

Dr. Geetha indicated a list of some potential speakers from various industries who could be invited for the workshop, and sought further suggestions from the external members.

Mr. Vora appreciated the focused progress made and advocated a selective collaboration with industry. He appreciated the positive aspect of the initial choice of projects with low budget rather than high budget. He also offered some of his contacts of the industries involved in advanced materials and in marine field, who can be approached for discussing joint research project proposals. He also suggested holding webinars in place of physical meetings considering current situation of lockdown. Guest lectures can also be planned to enhance industries and academia interface.

Dr. Gururaja commended the progress achieved so far and indicated that the areas chosen are interesting and they can be considered for taking forward. He offered his active participation during the workshops to pursue with the industry delegates to derive the benefit for the University. He suggested that a road map be prepared for potential products that may be commercialized. Items which are under research at the lab scale may be avoided. The proposals should also indicate human and financial resources involved. Collaborations must be of intense nature and should be nurtured at every stage by both industry and academia. In that context, further round of shortlisting will be more appropriate.

Dr. Natarajan pointed out that the industries that are not willing for collaboration need to be benchmarked. A full time Dean for R&D having contacts from industries will be ideal to take the collaboration forward. A database containing details of researchers with an interest in developing innovative product and processes that are worthy of commercialization should be sent to industries to attract them for future collaborations.

Dr. Radhakrishna complimented all the research proposals and in particular he appreciated the proposal on the quality assurance of coconuts through NDT that could be helpful in agricultural sector. He also commended the proposal on composite ceramic coating that avoids corrosions in metals.

The Registrar informed that financial grants have been received as a breakthrough support from the public sector and only a few from the private sector. The University is looking forward for involvement of the private sector for support to a greater extent by involvement of External Members.

Members noted the action taken and appreciated the contributions from External Members for R&D Collaborations with industries.

Agenda item no. 3 : Discussion items :

Agenda item no. 3.1 : To approve the introduction of New Programmes proposed for the AY 2020-21, Curriculum Matrix and Syllabus (Semesters I & II).

As a preliminary remark on the agenda point, the Chairman informed that the Director (Academics and Planning) had communicated through the notification dated 5th October, 2019 to all the Departments of Studies of the University to submit proposals for the introduction of new programmes along with detailed background papers for the AY 2020-21. The proposals were received for introduction of new programmes for the year 2020-21 and there are as many as 32 new programmes & a few new specializations. The Chairman appreciated Dr. Easwaran Iyer for taking initiative for proposing new programmes, most of which are in innovative and emerging areas. The detailed proposals were provided in a standard format that comprised of : Programme Nomenclature, Need and Scope of the Programme, Market Survey (demand for the programme), Career Opportunities / Prospects and Career Path, Potential employers, Programme Objectives, Programme Outcomes, Tie-ups with industry, Eligibility Criteria (tentative), Faculty (Required and Available), Infrastructure (needed ; available and gaps to be filled) and Unique Selling Proposition (USP) of the Programme. These detailed proposals have already been scrutinized and recommended by the Standing Committee and the Planning and Monitoring Board of the University. The Curriculum Matrix and Syllabus (Semesters I & II) of all the new programmes were discussed and recommended in the respective Boards of Studies comprising external members from industry and reputed academia. The relevant background papers for the new programmes received from concerned Departments of Studies have already been circulated to the Academic Council through mail for perusal and review. The members were requested to provide comments and suggestions, so that those points can be

discussed and clarified during meeting of the Academic Council. The Chairman mentioned about a feedback from Dr. Mythili P Rao which will be discussed under the concerned agenda item.

The Chairman requested the concerned programme coordinators to present the essential points on the new programmes before the Academic Council members.

Dr. Hariprasad presented the following new specialisations under B.Tech programmes which are offered through University – Industry Interaction and customized as per industry needs :

School of Engineering and Technology –

- 1. Bachelor of Technology
(Electronics and Communication Engineering)**
with new specializations in :
(i) Embedded systems and Industrial IOT (ii) Cellular Technology
- 2. Bachelor of Technology
(Electrical and Electronics Engineering)**
with new specialisations in :
(i) Electric Mobility and Smart Systems (ii) IOT Energy Management
- 3. Bachelor of Technology
(Mechanical Engineering)**
with new specialisations in :
(i) 3D Printing (ii) Mechatronics
- 4. Bachelor of Technology
(Computer Science and Engineering)**
with new specializations in :
(i) Cloud Technology and Mobile Applications*
(ii) Cloud Technology and Information Security*
(iii) Data Sciences (Honours)* (iv) Internet of Things*
(v) Software Engineering* (vi) Artificial Intelligence*

(vii) Artificial Intelligence and Machine Learning
(viii) Cyber Security

** The existing programmes with different nomenclature will henceforth be offered as specializations under Computer Science and Engineering.*

- 5. Master of Technology
(Artificial Intelligence)**
- 6. Master of Technology
(Civil Engineering)**

Dr. Natarajan suggested that the University could benchmark its programmes with those of other prominent universities, while offering B.Tech programmes in emerging areas. The courses offered should be of interdisciplinary areas and should cater to bringing perspectives of Humanities and Social Sciences and other disciplines. It was informed that these disciplines are being covered under all engineering programmes.

Dr. Radhakrishna stressed the importance of ensuring manpower and infrastructure requirements for the new programmes.

Dr. Gururaja suggested that progressively the choices could be increased through elective courses and providing flexibility.

Mr. Vora offered his contacts from the industries for approaching and seeking additional support to the new specialisations, especially for Electric Mobility and Smart Systems.

Prof. Achutha presented the following two new specializations under BCA in addition to the existing five specializations, which are industry-integrated and will be delivered using project based learning leading to internships and career opportunities in Information Technology. Syllabus are common from Semesters I to III for all BCA programmes, specializations start from Semester V. :

School of Computer Science and IT -

7. Bachelor of Computer Applications (BCA)

with specialization in :

- (i) Artificial Intelligence
- (ii) Cybersecurity

Mr. Vora suggested that the internship need to be inculcated from Semester V instead of Semester VI to allow more time for the students to get qualified and job oriented with required skills in industries. Dr. Gururaja suggested to focus on regulatory aspects of Data and Cyber Security. Prof Sridhara Murthi clarified that a dedicated subject on Law and Regulatory aspects has been included covering both information and network security aspects in the Cybersecurity specialization.

Dr. Easwaran Iyer presented the following programmes which are offered through University – Industry Interactions :

8. Bachelor of Management Studies (Event Management)

Dr. Iyer informed that the Event Management courses are offered by involving one of India's leading industries in Communication & Entertainment. By integrating strategy, creativity and technology, the programme aims to provide unique experiences.

Dr. Ghosal presented the following programme offered under University – Industry Interaction with International Skill Development Corporation (ISDC) which also includes Creative Art Design and Media :

School of Sciences –

9. Bachelor of Science (Brand Identity and Visual Communication Design)

Dr. Ghosal highlighted as to how the different design programmes are narrating through technicalities, concepts, ideas and arts. These elements and perspectives are integrated into the design of the courses and the learning methods emphasize development of these sensibilities in the learner.

Dr. Dinesh Nilkant pointed out that there are a few new programmes which are having similar titles and their differences need be adequately highlighted to assist the admissions team to be able to respond to the student's or parent queries for selecting the programmes of their choice. The concerned coordinator of the new UG / PG programmes need to take extra care while proposing courses with similar titles and submit the required comparative statements by highlighting differentiating factors along with details of manpower, infrastructure and campus location for the programme delivery. Dr. Easwaran Iyer clarified that comparative statement will be submitted as required and programmes having similar titles have also evolved in response to the different demographic and market preferences.

The Chairman mentioned that a special committee will be formed and a meeting will be scheduled to discuss exclusively on differentiation aspects of the programmes having similar titles and the recommendations from the meeting shall be placed before the Academic Council in the next meeting.

The Chairman informed that the suggestions and feedback given by the members need to be incorporated in the Curriculum Matrix and Syllabus of these new programmes.

Members accorded approval for introduction of new programmes proposed for the academic year 2020-21, subject to the incorporation of the suggested changes in the Curriculum Matrix / Syllabus (Semesters I & II).

Agenda item no. 3.2 : Confirmation of the Curriculum Matrix and Syllabus (Semesters I & II) of the programmes applicable to 2019-20 batch:

1. Master of Performing Arts (Global Music)

The Registrar informed that the programme MPA (Global Music) is offered in association with Lakshminarayana Global Centre of Excellence (LGCE), founded by legendary violinist Dr. L Subramaniam. This course has been designed with the objective of creating performers who are well-versed not only in Indian music but understand many different global music forms. Courses are developed with fusion of Indian tradition aspects and global music. The programme provides opportunity for students to participate in global music festivals. Dr. Gururaja suggested to have a clear distinction between classical and non-classical courses of global music.

Members confirmed approval for Curriculum Matrix & Syllabus (Semesters I & II) of MPA (Global Music) applicable for the academic year 2019-20.

Agenda item no. 3.3 : To approve the Revised / Fine-tuned Curriculum Matrix & Syllabus of the UG / PG Programmes for the AY 2020-21.

At the request of the Chairman, the Director (Academics & Planning) presented the revised and fine-tuned Curriculum Matrix & Syllabus of the ongoing UG / PG Programmes for the AY 2020-21. He informed that the revision is being done at regular intervals and they have been discussed & recommended by the respective Board of Studies. He briefly explained the pattern of revision and criteria that were brought in, as follows :

1. Orientation of curriculum towards the Outcome Based Education, a student centred learning model with a focus to achieve prescribed Programme Outcomes, Programme Specific Outcomes and Course Outcomes.
2. SWAYAM courses were integrated in curriculum with transfer of credits earned by students.
3. Incorporation of Bloom's taxonomy at a higher level in curriculum content.
4. Practical and Experiential learning activities were added.
5. Increase of choices for the benefit of students.
6. Hands on training as part of curriculum.

The complete list of programmes that underwent revision process along with curriculum matrix and syllabus were circulated to all the member for due consideration and approval. The members were requested to provide their feedback so that those

points can be discussed and clarified in the virtual meeting planned for the Academic Council. As such there were no suggestions, hence, he requested for approval by the Academic Council.

Mr. Vora suggested for a comparative approach to syllabus at international level while undertaking revisions. Prof. Sridhara Murthi clarified that the revised syllabi address the needs of global orientation. Dr. Gururaja suggested the revision of syllabus should go parallel with upgradation of the faculty members. The Chairman clarified that a vibrant level of faculty development programmes are taking place.

The list of 37 Programmes that are revised for AY 2020-21 are given below :

Faculty of Science :

1. Bachelor of Computer Applications (BCA)
2. Bachelor of Computer Applications (Information Security and Mobile Applications)
3. Bachelor of Computer Applications (Cloud Technology and Information Security)
4. Bachelor of Computer Applications (Mobile Applications and Cloud Technology)
5. Bachelor of Computer Applications (Data Analytics)
6. Bachelor of Computer Applications (Internet of Things and Services)
7. Bachelor of Science (Animation)
8. Bachelor of Science (Digital Filmmaking)
9. Bachelor of Science (Gaming)
10. Bachelor of Science (Interior Design)
11. Bachelor of Science (CMBt – Chemistry, Microbiology, Biotechnology)
12. Bachelor of Science (BcGBt - Biochemistry, Genetics & Biotechnology)
13. Master of Science (Physics)
14. Master of Science (Biotechnology)
15. Master of Science (Microbiology)
16. Master of Science (Animation)
17. Master of Science (Biochemistry) &
18. Master of Science (Chemistry)
19. Master of Science (Computer Science and Information Technology)
20. Master of Computer Applications (MCA)
with specializations in: i. Information Security Management Services,
ii. Storage and Cloud Technology
21. Post Graduate Diploma (Information Technology)

Faculty of Humanities & Social Sciences :

22. Bachelor of Arts (OPJ - Optional English, Psychology, Journalism)
23. Bachelor of Arts (PSE - Psychology, Sociology, Economics)
24. Bachelor of Arts (Honours) in Music
25. Master of Arts (Economics)
26. Master of Performing Arts (Music)

Faculty of Management :

27. Master of Business Administration (Aviation Management)

Faculty of Engineering and Technology :

28. Master of Technology (Cyber Security)
29. Master of Technology (Data Science)
30. Master of Technology (Computer Science and Engineering)
31. Master of Technology (Energy and Environmental Management)
32. Master of Technology (Embedded Systems Technologies)
33. Master of Technology (Civil Engineering – Structural Engineering)
34. Master of Technology (Aerospace Structures and Design)
35. Master of Technology (Aerospace Propulsion Technology)
36. Master of Technology (Avionics)
37. Master of Technology (Aerodynamic Engineering)

After due consideration, the Academic Council approved all the revised programmes for the AY 2020-21. Also the new syllabus and fine-tuned curriculum matrix & syllabus which are effective from the academic year 2020-21 were approved.

Agenda item no. 4: Reporting Items :

Agenda item no. 4.1 : Revised Guidelines from UGC on Examinations and Academic Calendar for the Universities in view of COVID-19 Pandemic.

The Chairman informed that the online examinations have been conducted for even semesters and online classes for odd semesters have already commenced. The academic calendar of AY 2020-21 from UGC is awaited and it may commence with physical mode from December 2020.

Agenda item no. 4.2 : JAIN initiatives to implement NEP 2020.

The Chairman informed on the new National Education Policy (NEP) – 2020 framed by the Ministry of Human Resource Development, GoI that gives a reformed vision for India's Higher Education System. He noted and appreciated Dr. Sandeep Shastri for interacting and providing inputs to the Committee that drafted NEP 2020 and also for conducting many workshops in this regard at various locations. He requested him to make a brief presentation on NEP 2020.

Dr. Sandeep Shastri highlighted on NEP 2020 as follows :

1. Our University is prepared for a road map for implementing NEP at short term and long term goals.

2. Some of the short term plans are mentioned below :
 - Courses having multi-disciplinary approach to be expanded further and responding as multidisciplinary University.
 - To be a Research Intensive University with significant focus on teaching with more autonomy.
 - Ph.D. courses already having teaching / education pedagogy to be more rigorously implemented.
 - Leveraging opportunities in research funds for projects.
 - Flexibility in all UG programmes through vocational education of multiple entry and exit options and the curriculum to be redesigned to implement from AY 2021.
 - All the PG programmes to be redesigned with research focus.
 - From 2025 PG programmes will be of one year duration for a graduate completed with four year UG programme.
 - National Mission for Mentoring to support other concerns through institutionalization.
3. Guidelines to be framed to implement NEP in the next 6 months.
4. Brain storming sessions will be planned by involving all the principal officers and external members. Workshops will also be held for the benefit of faculty members.

Members appreciated Dr. Sandeep Shastri for the excellent presentation and taking ahead the NEP with a national interest and the Vice Chancellor suggested for implementation strategically by responding to all disruptions.

Agenda item no. 4.3 : List of Value Added Courses (VAC) offered outside the curriculum during AY 2020-21.

The Chairman informed the members that about 121 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 2020-21. 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.	Certified Program in Entrepreneurship & Business Management	Commerce
2.	Capital markets (dealers module) Certification Examination	Commerce
3.	Certification in Logical & Verbal Aptitude	Languages

#	Value Added Courses	Department
4.	Certification course in Communication and Public Speaking	Languages
5.	Training on Oracle DBA	Computer Science & IT
6.	Web Designing using PHP & JQuery	Computer Science & IT
7.	Software Testing Tools	Computer Science & IT
8.	3D Animation using Blender	Mechanical Engineering
9.	Advanced Java Script	Computer Science & IT
10.	Server Side Scripting using Python	Information Science & Engineering
11.	OBJECT ORIENTED PROGRAMMING Concepts	Computer Science & IT
12.	ORACLE AND MONGODB	Computer Science & IT
13.	ORACLE WORKFORCE DEVELOPMENT	Computer Science & IT
14.	Certification in Embedded Systems Designer	Electronics & Communication
15.	Certification in Power Systems Automation Analyst	Electrical & Electronics Engineering
16.	Certification in Materials Analyst	Information Science & Engineering
17.	Certification in Family Managed Business	Management Studies
18.	Certification in Fundamentals of Digital Marketing	Management Studies
19.	Certification in Fundamental Analysis	Commerce
20.	Certification in Strategic Brand Management	Management Studies
21.	Certification in Organizational Behaviour	Journalism and Mass Communication
22.	Certification in Consumer Behaviour	Management Studies
23.	Certification in E Commerce	Management Studies
24.	Certification in C # & .Net Programming	Computer Science & IT
25.	Certification in Taxation	Commerce
26.	Certification in Business Communication	Commerce
27.	Certification in Corporate Communication	Commerce
28.	Certification in Cost Accounting	Commerce
29.	Scaling Operations: Linking Strategy	Commerce
30.	Certification in GST	Commerce
31.	Certification in Tally	Commerce
32.	Certification in Advertising Management	Management Studies
33.	Certification in Soft Computing	Computer Science & IT
34.	High Performance Computing	Computer Science & IT
35.	Certification in Python	Computer Science & IT
36.	Deep Learning	Computer Science & IT
37.	Certificate in Tableau	Computer Science & IT
38.	Certificate In Remote Sensing and GIS	Computer Science & IT
39.	Certification course Introduction to Latex	Computer Science & IT
40.	Certification programs on Creo for Design engineers	Physics & Electronics
41.	Certificate Program On learning with Games in Higher education	Physics & Electronics
42.	Certification in ERP Systems	Physics & Electronics
43.	Certification in Organizational Design and Management	Computer Science & IT
44.	Certification in Augmented Reality And Virtual Reality	Computer Science & IT
45.	Certification Program in Fluid Dynamics (CFD)	Physics & Electronics

#	Value Added Courses	Department
46.	Certification in Cyber Forensics	Forensic Science
47.	Certificate Course In Campus Credentials	Mechanical Engineering
48.	Certificate course in Drone piloting and applications	Aerospace Engineering
49.	Certification Program in Finite Element Analysis	Computer Science & IT
50.	Certification in R Programming	Computer Science & IT
51.	Certification Program in SCADA and HMI	Computer Science & IT
52.	Certification Program in EPLAN	Electrical & Electronics Engineering
53.	Certification in Performance Management	Management Studies
54.	Certificate in NEUROSCIENCE	Psychology
55.	Certification Program in Labview	Computer Science & Engineering
56.	Certified Forensic Fraud Examiner	Forensic Science
57.	Brand Planning and Consumer Insights	Management Studies
58.	Certification Program IN MATLAB	Mechanical Engineering
59.	Certification Program in Bar Bending detailing	Physics & Electronics
60.	Certification Course in Mobile Phone servicing	Computer Science & IT
61.	Microsoft Office Specialist	Computer Science Engineering
62.	Certification Course in PCB design	Electrical Engineering
63.	Certification in Solidwork	Computer Science & IT
64.	RTOS/VHDL and Verilog	Computer Science & IT
65.	Google Associate Android Developer	Computer Science & IT
66.	Certified Program in Industrial Automation	Electrical & Electronics Engineering
67.	CATIA V5	Information Science & Engineering
68.	Material Characterization	Mechanical Engineering
69.	Certificate in Social Media Marketing	Management Studies
70.	Certification in Fire Safety Building Technology	Civil Engineering
71.	Certification in Foundation in Capital Markets	Management Studies
72.	Certificate in Digital Media and Marketing	Management Studies
73.	Certificate in Advanced Professional Communication	Journalism and Mass Communication
74.	Certification in Business and Personal Etiquettes	Languages
75.	Certification in Security Analysis and Portfolio Management	Commerce
76.	Certificate in Strategic Human Resource Management	Management Studies
77.	Certification course in Personality Development	Languages
78.	Certificate in Content Marketing	Journalism and Mass Communication
79.	Certificate in Counselling Psychology	Psychology
80.	Certification in Capital Markets	Commerce
81.	Statistical Packages for Social Sciences - SPSS	Commerce
82.	Certified Program in Business Analytics	Management Studies
83.	Certificate in Technical Analysis	Commerce
84.	Certificate in Web Technology and Value Added Services in Mobile	Computer Science & IT
85.	Career guidance and interpersonal skills - I	Languages
86.	Certification in Soft Skills	Languages
87.	Essentials for Business Law for Entrepreneurs	Economics & Social Sciences

#	Value Added Courses	Department
88.	Certificate in Current Affairs	Languages
89.	Certificate in Leadership management	Management Studies
90.	Certificate in Strategic Business Management	Commerce
91.	Fundamental Concepts of CSR policy	Economics & Social Sciences
92.	Certificate in Financial Analytics	Management Studies
93.	Certificate in Applied Economics and Public Finance	Economics & Social Sciences
94.	Certificate in online Media & Journalism	Journalism and Mass Communication
95.	Certificate in English for Journalism	Journalism and Mass Communication
96.	Foundation of Positive Psychology	Psychology
97.	Certification in Forensic Accounting	Forensic Science
98.	Certificate in Clinical Mental Health Counselling	Psychology
99.	Certificate in Statistical Method And Application	Economics & Social Sciences
100.	Certificate in Fingerprint Examination	Forensic Science
101.	Certificate in Media Ethics and Governance	Journalism and Mass Communication
102.	Basic Certificate in Digital Media and Marketing	Management Studies
103.	Certificate in Email Marketing	Management Studies
104.	PHP with MySQL	Computer Science and Engineering
105.	PHP Programming	Computer Science & IT
106.	UNIX Programming	Computer Science & IT
107.	Certificate in HR Analytics	Management Studies
108.	Analysis and Application of Supply Chain Challenges	Management Studies
109.	Excel & Advanced Excel	Management Studies
110.	Certification in Visualization using Tableau	Management Studies
111.	Certification in Digital Curation	Computer Science & IT
112.	Certification in Statistics & Business Analysis	Management Studies
113.	Certificate in Data Visualization	Management Studies
114.	Certificate in Web Design	Computer Science & IT
115.	Certificate in Dot Net Technology	Computer Science & IT
116.	Certificate in Research Methodology	Economics & Social Sciences
117.	Certificate in Logistics Management	Commerce
118.	Certificate in Business Stimulation	Management Studies
119.	Certificate in Public Relations	Journalism and Mass Communication
120.	Certificate in Presentation skills	Languages
121.	Certificate in Graphics Design	Computer Science & IT

The members appreciated and approved all the 121 Value Added Courses for AY 2020-21.

Agenda item no. 4.4 : Action Taken Report on the Feedback from the stakeholders for the AY 2019-20.

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.

It was observed that as per the feedback from stakeholders, a few Courses / Specializations were strengthened :

1. As recommended by Department of Aerospace Engineering, for a few more sessions in courses that covers global issues and national trends, a new course “Computational lab” based on Engineering analysis tools such as ANSYS and NASTRAN was introduced for B.Tech Aerospace and Aeronautical Engineering programmes. For life skill and course on national integrity, Constitution of India course was strengthened across all departments of engineering and technology.
2. Department of Management Studies suggested for some syllabus contents of social security. Action taken by inclusion of Swayam equivalent courses and other online courses for the subjects offered in a given semester was encouraged for MBA programmes. Arranged conferences / workshops to encouraged students to participate and present research papers in social security areas.
3. A new specialization on Entrepreneurship and Family Business management was introduced under MBA programme so that students can be trained with hands-on skill, analytical abilities with effectiveness for developing innovative thinking. Courses on Aviation & Aerospace Business Models and Artificial Intelligence and Digitalization in Aviation were introduced while revising MBA Aviation Management programme that provides skill and analytical abilities.

Members noted and expressed their appreciation for taking action on the feedback from the Stakeholders for the AY 2018-19.


Agenda item no. 5: Any other matter with the permission of Chair :

The Chairman informed that :

1. With regard to the extension of Deemed to be University status, a Meeting of the UGC Expert Standing Committee to evaluate the performance and academic outcomes was held on 7th May, 2020. The UGC affiliation for extension is placed at ‘Very Good’ category and the results are expected soon.

2. The Annual Convocation of the University shall be held through virtual mode this time and will be intimated to all members after an internal discussion.
3. In a recent development, IIIT-B and IIM-B have joined hands with our School of Design for offering a Two-Year MBA in Software Product Management. This will be offered jointly by IIIT-B and IIM-B. While IIM-B and IIIT-B will bring in about 40% and 40% of the Course curricula, The School of Design will offer the remaining 20% of the curricula. This is expected to be offered from AY 2021-22 onwards. The Chairman appreciated Dr. S. Ghosal, Dean, School of Design in taking the initiatives with major associations.
4. School of Allied Healthcare and Sciences (SAHS), a new school is being setup for introducing new programmes under allied health care and will be taken for discussion in the next Academic Council meeting during second week of September 2020. ***Hence, all the Programmes / Courses to be offered for AY 2020-21 will also be taken up for discussions in the upcoming meeting along with sanctioned intake.***
5. Dr. CG Krishnadas Nair who has completed two successful terms as Chancellor has demitted his office. The Chairman placed on record yeomen services rendered by Dr.Nair and for supporting and guiding the University to reach the pinnacles and was able to meet all the requirements of the regulatory bodies. The President of the University, Dr. Chenraj Roychand has been appointed as the Chancellor of JAIN (Deemed to be University) and he has assumed the charge of this office with effect from forenoon of 1st June 2020. Members admired Dr.CGK Nair and requested the Chairman to send an appreciation letter to Dr.Nair from the Members of Academic Council. Members congratulated Dr. Chenraj Roychand.

The meeting ended with the Registrar thanking the Vice Chancellor for ably chairing the meeting and conducting the proceedings smoothly. He also thanked all the presenters, external members for their valuable suggestions and other members for their proactive participation.



Registrar

Jain (Deemed to be University)



