



VISION 2032
STRATEGIC PLAN (2017-24)
ACTION PLAN (2017-2020)

Knowledge makes character
Character builds Wealth and Welfare of the Nation

VISION 2032

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1 Preamble

Education is at the root of all human progress and excellence. Amidst the breathtaking transformations which are taking place in human societies and the planetary environment, education has become a true determinant of quality of life and progress, and indeed, an imperative of lifelong endeavor. In contrast to the slow evolutionary pace of the traditional universities, the burgeoning needs and challenges of the contemporary world demand a far swifter transformation in the universities through a continuous reinventing process in order to remain relevant and be able to create men and women of character that the world demands. By virtue of being a young university and a proactive architect of education that is relevant for future and a promoter of the spirit of enterprise, Jain University envisions to rapidly transform itself to a globally recognized university with many advantages it possesses- a credible and distinct vision and mission, a healthy academic pool, outward focus, and service orientation, established areas for academic and research excellence, a supportive and engaged staff with appetite for positive change, and a history being self-reliant and pragmatic.

In the past eight years since it commenced academic programmes as a self- financed Deemed to be university, Jain University had made significant progress, and recorded exalted achievements across all facets of its objectives - namely higher learning, research, academic excellence and entrepreneurial development – all with a stamp of quality, creativity and innovation. It has developed its character as an all-inclusive institution with a deep commitment to societal and environmental sustainability in the broadest sense. Its over 13000 strong students come from diverse regions of the country and with a diverse economic, social, cultural and religious backgrounds to pursue deeper academic learning and gaining practical skills in an environment of harmony and respect. As many as 384 international students from 54 countries are pursuing their studies in the university.

Jain University had been constantly endeavoring to improve the programs to meet the needs of society. It now offers all in all 36 PhD programs, 23 M Phil programs, 45 undergraduate programs and 51 PG programs including 5 PG diplomas. As many as 48 programs in these are in emerging areas. The university has established and provided seed

funding for seven dedicated and vibrant research centres, which are promoting cutting edge research in chosen areas. There had been steady growth of research publications, which now total to 2860 papers in refereed journals out of which 1897 are indexed in Scopus and other international databases. The university is greatly strengthened by eminent faculty members, who include 15 members of the most prominent national academies and recipients of prestigious national/international awards and recognitions. The university had published 122 books. In order to empower learning process with modern advances in digital technologies, it created a web based platform JUX and had also begun to facilitate “any-time, any-where” learning through means such as MOOCs and LMS.

The university distinguishes itself by its consistent output of high-end achievers in the field of sports and created excellent facility and training environment. It is proud to have produced seven representatives from India in the past two Olympic Games, 24 national representatives in Asian Games besides many recipients of prestigious national awards such as Arjuna, Ekalavya and Padmashree awards.

A hallmark of the university is its excellent and ecofriendly campuses with adequate infrastructure. State of the art research facilities include equipment like Field Emission Scanning Electron Microscope, X-ray powder diffraction, Atomic Absorption Spectrometer, Attenuated Total Reflection-Infrared Spectrometer, Gas Chromatographs and a national facility for Rust Preventative (RP) coatings. Also, many nationally eminent bodies and government agencies such as Defence Research and Development Organisation (DRDO), Department of Science and Technology (DST), Indian Space Research Organisation (ISRO), Ministry of New and Renewable Energy (MNRE), Indian Council of Social Science Research (ICSSR), and Indian Council of Medical Research (ICMR) had sponsored research to be carried out in the university. The university had also entered into a good number of collaborations with other universities, industries and R&D establishments. The university has established and operates a Community Radio Station for greater social outreach and addressing issues like health, waste management, environment, social awareness and gender issues. The university facilitated incubation of forty companies through Chenraj Roychand Centre for Entrepreneurship and also has been supporting entrepreneurship development programmes.

All these accomplishments at an accelerated pace give us confidence that we address the challenges and opportunities of future with the same vigor and focus as manifested earlier. As we embrace a transforming future, we look forward to extending our outreach with the power of the digital world, and to cater to diverse communities and to the needs of a lifelong education.

1.1 Scope of present planning process

Jain University had its modest origins in the establishment of Sri Bhagawan Mahaveer Jain College (SBMJC) in 1990, affiliated to Bangalore University. Although a modest beginning, this educational initiative was soon acclaimed as a trend setter in high quality, student centric education. Soon it crossed another milestone in the setting up of SBM Jain Engineering College (SBMJC) in 2005, with affiliation to Visveswaraya Technological University. Soon, SBMJC was reaccredited by NAAC with 'A' Grade (CGPA of 3.8 on a 4 point scale). Acknowledged by a UGC Review Committee that the Institute had all the potential, academic excellence and financial viability to maintain and sustain itself as a deemed university, SBMJC was declared as a Deemed-to-be-University by MHRD, Govt. of India u/s 3 of the UGC Act in December, 2008.

Propelled by the missionary zeal of its founder to create men and women of character and a new breed of job creators rather than job seekers, the university endeavored in its journey since 2009 to create a holistic linkage among innovative education, aggressive research, socially relevant applications, synergistic collaborations and value building entrepreneurship.

The present document is an extension to the strategic vision 2020 charted by the university, whose goals are well on the way of accomplishment. The university had been awarded "A" grade by the National Academic Accreditation Council (NAAC) in 2017. Considering the enormous changes in the environment, it is considered timely to initiate an exercise to look at next 15 years (Vision 2032), and with more focused strategic plan for next seven years (2017-2024). The remaining part of current Vision period is captured in an Action Plan (2018-2020)

Endorsements



Accredited by NAAC with
A Grade and CGPA of 3.31
(July 2017)



1

Source: India Today Nielsen Survey

2 Vision 2032

Our vision is the key driver of our transformation. The most pronounced characteristic of present century is the manifestation of the power of knowledge and its potential to break the barriers that for long had bridled the pace of human development. It is knowledge alone, which can open the gates to a harmonious blend of the Material and Spirit, essential to improve human condition. Explosive growth of science and technology has changed the concept of time and distance. Transformative changes in societies occur at a pace unprecedented and at a scale unimaginable. The roots of all this transformation are deeply set in the Education, research and innovation – all these together leading to the fruit of human development.

Our vision is to foster Human Development through excellence in quality education, research and entrepreneurial development.

2.1 OUR CONCEPT OF A UNIVERSITY AND OUR CORE VALUES

Our concept of a university is that it should encompass characteristics that make it an effective instrument of transformation of society reflecting the following:

- ❖ *Be a place for providing a student with opportunity for all round well-proportioned education for effective living and citizenship,*
- ❖ *Providing Institutional framework for innovation and cutting-edge research, resulting in vibrant doctoral programmes and quality publications as proof of generation of new knowledge.*
- ❖ *Providing access to higher education in rural areas.*
- ❖ *Ensuring quality and content of PG education and research, compliance with norms and structure of good governance and leadership.*
- ❖ *Developing special strengths in some particular fields as in Engineering or Industrial Development or Teacher Training or Forestry or Fisheries,*
- ❖ *Focus on areas of special strengths be developed in addition to facilities for all round higher education,*
- ❖ *Achieving proven promise of excellence in emerging areas (emerging means something that did not exist earlier) and innovation in our chosen area of teaching and research.*

Integral to our vision of the university, we consider that a university should incorporate a set of core values that constitute the distinct character of a university. In our broad vision such core values of a university comprise of the following:

2.1.1 CORE VALUES

Ethics and integrity
Imbibing Scientific temper
Environmental Consciousness & Sustainable Development
Promotion of Indian culture & heritage
Active Citizenry
Service to Society and Contribution towards National Development

2.2 Long-term Goals 2032

We recognize that by 2032, India will witness an unprecedented transformation presenting huge set of opportunities as well as challenges which need a strategic response from institutions of higher education and research. We consider the following premises and the mega trends to be relevant to define the strategy for the realization of our vision.

- I. India as a global economic power
- II. Demographically young India with humongous needs for education, skill development, infrastructure and teachers
- III. Huge Demands on National systems of innovation and delivery
- IV. Imperatives of globally connected world – for knowledge generation and use
- V. Impact of climate change

The implications of these megatrends in the environment are the qualitative and quantitative transformation needed in the generation of human capacity – adapting to high paces of growth, empowerment of processes of learning through technology, the greatest thrust to be placed on innovation and laying strong roots for lifelong learning.

Role of universities and institutions of higher learning is going to be seminal in confronting the challenges associated with the above mega trends. The basic tenets of the vision of Jain University will remain valid even while its programs and activities are going to be adapted to the context of the changing environment – to create the human resources capacity to

meet the challenges of future and in diverse dimensions which positively impact human development. Two major drivers of our vision are our passion to be a strong contributor to the National development and our continuing quest for excellence.

Our long-term goals for 2032 is to achieve status of a globally ranked university and being an all-inclusive institution offering innovative academic programmes in emerging fields, a burgeoning research environment and be distinguished among peers as a place where the entrepreneurial spirit is fostered and ultimately the fruits of our engagement finding resonance in the society.

By locating one of the major campuses in rural area close to Bangalore with a world class infrastructure and high caliber research and educational activities, the university signals its orientation to all-inclusiveness. The presence of diverse student community, comprising of both national and international students, and those originating from different states/regions, cutting across different cultural and socio economic strata combined with a progressive leadership at the university create a rich environment and impacting experience for students. This will further be maintained and intensified through our well designed open process for attracting and growing talents and through focused engagement and collaboration with external institutions. Our unique forte of capacity building for entrepreneurship combined with our strengths of established academic and research experience and above all a dynamic leadership of the governing group will be the accelerating factors in the path to the higher echelons of national recognition combined with a globally ranked status within the decade.

3 MISSION

3.1 Our Mission

Our key mission is to deliver value building education and to engage in cutting edge research, to create capacity for entrepreneurship and innovations.

Our mission is distinguished by our focus on rapid expansion of that higher quality education accessible to all sections of society and all parts of the globe, our commitment to

offer undivided attention to our students, facilitate their learning through world class facilities, streamline our systems and processes to make the best use of resources and engage with the community that we serve as we step out to embrace a brave future.

We focus on creating men and women, who can create jobs and not seek for jobs, who are equipped to meet the demands of the contemporary world and who are soaring high on the wings of modern knowledge and skills,

All the above goals, firmly anchored on our strong roots, ethical principles, environmental consciousness, social responsibility and eternal values endowed by our rich heritage should make our long cherished ambition of contributing a sizable percentage to the GDP of our country a reality

MISSION

- ❖ To provide quality education, creating Human Assets and intellectual capital.
- ❖ To enhance research and development in different disciplines.
- ❖ To develop a new generation of entrepreneurs who will be instrumental in fueling economic growth.
- ❖ To create able Leaders, Managers and Technocrats.
- ❖ To foster an ethical environment in which both spirit and skill will thrive based on human values, to enrich the quality of life.

4 Quality Policy

The aim of the quality policy in the university is to develop a sustained culture for maintaining high standards of quality in every aspect of the university's life. This is aimed to be achieved through facilitating wide participation at all levels in the practices and standards reflecting the quality goals. The quality policy, which emphasizes the diverse goals in the pursuit of quality, is widely disseminated among all the stakeholders. The box that follows defines and emphasizes the quality policy of the university

- *To develop and deliver academic programmes in Emerging and Innovative areas relevant to societal needs;*
- *To empower students and other stakeholders with Knowledge, Skills and Attitudes needed to excel as Professionals and Entrepreneurs;*
- *To build in students active Citizenry with High Ethical Standards;*
- *To undertake Research and Development in identified thrust areas of National Importance;*
- *To focus on high level Sports achievements, and,*
- *To sustain and stimulate intellectual dialogue in areas impacting Humankind.*

Strategic Plan 2017- 2024

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Strategic Plan 2017- 2024

1. Emerging environment in National and Global Context

Higher education is transforming globally towards new architectures of learning through greater choice to learners, through customized learning, and greater emphasis on normalization of standards. The three distinct goals sought by societies for higher education are “Access, Equity and Quality”.

Never in the history of India, have higher learning and research assumed as much importance as today, as India is set to embrace a developed status within a reasonable time in future, with burgeoning youth population and upsurge in aspiration. Never before in history too had that India seen such a magnitude of challenge in developing and using modern knowledge for rapid and inclusive development.

Higher education can greatly benefit from the very rich and diverse cultural heritage and value systems of India, whose high points of (i) experiential basis of learning and (ii) universal relevance as an essential ingredient of knowledge, (iii) instrumental value of knowledge as a driver of freedom have become the beacons of global approaches. As the winds of globalization are blowing across every part of the world, it has become a necessity that education equips the students for mobility- that they acquire capacity to be relevant in the larger context of global society and they build their value and character. Further, India will occupy a unique position in the world with its demographic advantage for several decades and it is essential that higher education should be accessible to all those who aspire, irrespective of their economic or social status.

We recognize that several innovations and shifts will become the necessities of future educational process – the development of programmes along thematic lines cutting across the rigid boundaries of departments and faculties, co-creation of knowledge, the teacher’s role as facilitator, transformed class rooms, research based curricula, emphasis on values

and life skills, stronger bonds with industry, outcome centric regulation, imperative of accreditations, greater collaborations and many other trends.

While taking cognizance of national priorities and global trends, we at Jain University will constantly strive to reinvent ourselves to deliver to our students the social, intellectual, economic values at their best and develop institutional attitudes of self-regulation and autonomy, in tune with emerging calls of renaissance of high values in the national higher education system.

2. SWOC Analysis

Strengths:

The university provided an exceptional environment and state of the art facilities for high achievers in sports rising to National and Olympic level proficiency.

Business incubation centre fostering entrepreneurship as an effective instrument for creating opportunity for innovation – the critical need of the day

Dynamism in curricular development and innovative programs made relevant by industry linkage and a harmonious relationship among the various stakeholders of the institution

Committed, proactive and diverse faculty providing a healthy academic environment, which is ably matched by the robust evaluation system. The university was able to participate in research programs of national importance and also recorded excellent results of students and their placements.

State of the art infrastructure in all campuses for teaching and research and for co and extra-curricular activities.

Limitations:

Being private Deemed University, difficulties are faced for getting financial resources from the Government and Funding agencies. Further achievements in specialized research require substantial increase in investment in facilities

Opportunities:

The university has a pool of eminent faculty whose talents could be further tapped and promote inventions to be patented and commercialized

Exploring further potentials for Industry-University interface activities- for example, creating sponsored and endowed chairs for catering to specific themes of interest to the sponsors

Using the goodwill of the alumni and other stakeholders for further development of the institution

Focusing on design in all disciplines of engineering and aiming for significant outcomes

Challenges:

Balancing the market trends with societal needs of for holistic and inclusive development

Motivating research scholars to work in interdisciplinary areas

Attracting /retaining high quality faculty

Meeting the challenge of youth aspirations and their problems in all their dimensions in the contemporary social order

3.IMPORTANT MILESTONES ACCOMPLISHED BY JAIN UNIVERSITY		
SL.NO	YEAR	MILESTONE
1	Dec 2008	Sri Bhagawan Mahaveer Jain College was declared as a Deemed-to-be-University by MHRD u/s 3 of the UGC Act
2	June 2009	Chenraj Roychand Center for Entrepreneurship absorbed into the University.
3	June 2009	Jain University become Member of NIBES
4	June 2009	Aventure- the quarterly university magazine launched
5	July 2009	Academic Programmes commenced under the Jain university banner
6	Jul 2009	Faculty of Management became a member of Toastmasters

		International
7	Aug 2009	Research centres, namely, Centre for Emerging Technologies (CET), Centre for Disaster Mitigation and Centre for Research in Social sciences and Education were brought under the ambit of Jain University
8	Dec 2009	MoU with Underwriter's Laboratories(UL), USA for setting up test laboratory in the field of Fire Safety
9	Jan 2010	Research Programmes M.Phil. and Ph.D. Commenced
10	July 2010	Established the Centre for Virtual Learning/ Innovation for 24/7 learning
11	Aug 2010	Established International Scholars and Students Advisory Centre (ISAAC)
12	July 2011	Establishment of Centre for Ancient History and Culture
13	Aug 2011	Jain University hosted Itorerero youth Programme 2011 in which 500 Rwandan youth living and studying in Indian Educational Institutions participated
14	Sept 2011	Inauguration of International Institute for Aerospace Engineering and Management by Dr K Kasturirangan, Member, Planning Commission, Government of India
15	Oct 2011	New biomass burning device developed by CDM
16	Oct 2011	First Convocation , in which 374 students graduated
17	Oct 2011	Vishwas, the Jain University guidance and counseling centre for the students was established
18	June 2012	Ranked 5 th among the top private Universities in India by the India Today Nielson Best Universities Survey
19	June 2012	Ranked 22 nd among the top 50 Universities in India by the India Today Nielson Best Universities survey
20	June 2012	Became a member of the Association of Universities of Asia and the Pacific (AUAP)
21	July 2012	Three sports persons of JU represent India in London Olympics
22	Aug 2012	The First research Retreat held, which becomes annual

		feature
23	Aug 2012	Establishment of the Research Centre for Nano and Material Sciences
24	Oct 2012	Became a member of the Association of Indian Universities (AIU)
25	Feb 2013	Jain University organizes the first INNOVATIVE IDEA Contest
26	Mar 2013	Jain university Cricket Team wins Toyota University Cricket Championship at national level.
27	June 2013	Ranked 17 th among the top 50 Universities in India by the India Today Nielson Best Universities Survey
28	June 2014	Ranked 21 st among the top 50 Universities in India by the India Today Nielson Best Universities Survey
29	Oct 2014	Jain University hosts the all-India inter-university aquatic meet 2014 and wins overall championship & also women's championship
30	Sep 2014	Static Flight Simulator inaugurated by Dr Roddam Narasimha at IIAEM (collaboration by International Institute for Advanced Aerospace Technologies, St. Petersburg, Russia).
31	Jan 2015	Awarded ISO 9001: 2008 Certificate by TUV, Rheinland
32	Jan 2015	Inaugural issue of Thinklet- a Monthly e- Newsletter and a Dialogue Platform for Doctoral Scholars of Jain University
33	May 2015	Launch of Research Conclave
34	June 2015	Ranked 20 th among the top 50 Universities in India by the India Today Nielson Best Universities Survey
35	Aug 2015	Establishment of Technology Business Incubator, sponsored by DST
36	Jan 2016	The first "My Country Run" organized
37	Apr 2016	All India Entrance Test, the JET, launched for all the programmes
38	June 2016	ERP software for student cycle developed and implemented
39	June 2016	Implementation of CBCS as per UGC rules for UG Programmes(except engineering)

40	July 2016	Kautilya Entrepreneurship and Management Institute(KEMI) inaugurated
41	Aug 2016	Establishment of Propulsion Laboratory
	Aug 2016	Two Jain University sports persons represent India in Rio Olympics
42	Sept 2016	Establishment of Fire and Combustion Research Laboratory
43	Oct 2016	INVENTECH: A competition for inventive developments launched by university.
44	Mar 2017	Awarded 4 stars in the young university category in Karnataka by Karnataka State University Rating Framework through iCARE ratings
45	Mar 2017	Establishment of high end Instrumentation Centre
46	June 2017	Ranked 22 nd among the top 50 Universities in India by the India Today Nielson Best Universities Survey
47	July 2017	Accredited by NAAC with A Grade and a CGPA of 3.31
48	July 2017	Law Programme approved by the Bar council of India
49	Aug2017	Implementation of CBCS for UG engineering programmes
50	Dec 2017	UGC Review committee visited Jain university
51	Dec 2017	MBA programme (CMS Business School) accredited by CRISIL with A at the State level and B*** at National level.
52	July 2018	Implementation of CBCS for PG programmes

4.Goals and Strategies

Goal I: The academic excellence and contributions lead the university to a global ranking status

Jain University has demonstrated a balanced performance in diverse aspects of what a modern university should reflect in a rapidly globalizing and interconnected world, and at the same time it is also distinguished by its focus on some valuable and timeless elements of the knowledge heritage of India relevant to contemporary world. This differentiating character of the university, its innovative approach and its contributions will be the key factors in furthering its national and global roles as well as leading to its globally ranked status. To be in the forefront of academic innovation implies continuous quest to generate new knowledge and new ways of imparting learning to meet the changing needs in terms of speed, scale and learning outcomes. It implies creation of environment in which cross fertilization of knowledge can happen along with a continuous rise in standards through unbroken attention for faculty development programmes, bench marking with leading institutions in the field and engaging faculty on lifelong learning programmes. It also means nurturing progress through diversities- through growth of students and providing the best exposure to learning.

The Strategy

We at Jain University had been pro-active in terms of introducing new programmes based on the new advances in the field of knowledge as identified by the faculty and demands emerging in industry or in the societal context. There will be stronger focus on interdisciplinary and multi-disciplinary programs in the creation of new knowledge and programs in the future. Judicious amalgam of regular young faculty with highly accomplished visiting faculty from industry and academia, which had been a unique factor in achieving academic excellence and a vibrant mentorship, will continue. In keeping with the demands of the environment, our university will endeavor to increase choices to the students and provide them with exposure to diverse disciplines (natural and social

sciences and humanities) to increase abilities to understand complex problems in the real world and also human behavior.

KPIs

- I. Extent of academic innovations & number of programs in emerging areas, extent of multidisciplinary / interdisciplinary programs
- II. Growth in the strength of students and their performance and post education impact
- III. Successful implementation of Outcome Based Education and increasing students 'choice
- IV. Level of enrichment in the student experience in multi -cultural, multi -ethnic settings
- V. Programs for Faculty and staff development; Improving the Quality of Faculty
- VI. Quality and overall outcomes in research and innovation
- VII. Quality of infrastructure (digital enablement)

Goal II: Excelling in research and innovation activities in chosen areas to catalyze 'centres of excellence'

The research at Jain University has two important dimensions, namely focus on areas which are relatively untouched, and also choosing areas that are highly relevant to the needs of contemporary society and nationally important programs. This approach is reflected in many research activities- be it in the field of societal relevance like fire research or a frontier technological area of quantum dot solar cells or highly rated socio political research on democracies and development. This commitment will be strengthened through a multi-pronged strategy optimizing the resources and outcomes in priority areas.

The Strategy

The underpinning strategy for achieving further excellence in research is maintaining focus on areas where the university has already achieved some level of excellence and thus can

expect to mobilize more resources. In past, the university had a good number of sponsored research projects from prestigious organizations / government ministries and departments including BARC, ISRO, DST, MNRE, DRDO, ICSSR, ICMR and so on. There had also been collaborative initiatives at international level involving renowned industrial/research organizations like Underwriter's Laboratories, USA (for fire testing) International Institute for Advanced Aerospace Technologies, Russia (for static flight simulator), TUV Rheinland – Germany (for energy) and so on. These modes of collaborations will be strengthened and multiplied. Industry sponsored research parks will be endeavored to be established. A strategic approach to research based on support to the seven dedicated research schools established in the university, efforts towards their recognition as centres of excellence, growth of peer reviewed and indexed publications, patenting and publishing in-house journals of research will all augur well to accomplish goals set. Renewed efforts are to be made to attract and support research scholars, and researchers and faculty members through fellowships, scholarship made available from funding agencies.

KPIs

- I. Growth in research outcomes (publications, patents and incubations)
- II. Additions to research infrastructure,
- III. Funding of research activities and growth in sponsored research projects
- IV. Progress in collaborative research
- V. New initiatives such as University-Industry Research parks
- VI. Editorial roles of faculty, Fellowships and recognition/ awards

Goal III: A university known for deeper engagement with industry

Research from higher educational institutions had been major drivers for innovations in industry. This culture is yet to largely catch up in India. The government also has been placing major thrust in through programmes like Make in India and Startup India. Even in educational programs, interface with Industry has become extremely important for student internships, student projects, and selection of problems for Ph.D. research, and expansion

of consulting activities by the members of faculty. There has also been interaction with industry to draw faculty in specialized areas or practice oriented disciplines and conduct of programs by the University for Enrichment/ upgrading of knowledge of industry personnel. Jain University aims to deepen its engagement with industry for enhancing relevance of educational programmes to support industry with human resource which they highly value and engaging in research that could provide industry with means for increasing their strategic strengths.

The Strategy

At Jain University we aim to deepen industrial engagement by proactively creating systems for increase of consultancy to industry, and actively promoting to increase internships so that students can gain sensitivity of needs of industry and choose their projects. We aim to at least increase two fold the visits of invited industry leaders to interact with students and provide expert lectures.

Jain University will strengthen its customized and enrichment programmes for the benefit of industry personnel. It will also undertake selective training programmes for industry participants. Efforts also will be made to increase access to industry personnel by innovative delivery systems including online delivery along with class room based learning

University will strive to enhance MoU's or understanding with industry. Based on feedback from industry, curricular renewals will be undertaken

Jain University will regularly conduct workshops/ conferences involving good amount of participants from industry apart from academics.

KPIs

- I. Number/ value of Industry sponsored academic and research activities
- II. Organising an Industrial Consultancy Group (Centre)
- III. Human Resource Enrichment programs for industry
- IV. Meeting demands of industry in special areas (Testing and certification)
- V. Accomplishments by students in Design challenge competitions

- VI. Participation/ joint programs with Industry forums, chambers of commerce
- VII. Growth trends in the student internship in industry and the Placement of students

Goal IV: Be committed to train and develop entrepreneurs

CRCE has been one of the unique initiatives in Jain University providing a ready practical environment for entrepreneurial training and development. Through JU connect platform all alumni members from different disciplines remain connected and over the years this represents a tremendous talent as well as customer pool for a variety of services which are demanded or out sourced from entrepreneurs

The Strategy

The major strategy through which the university will promote entrepreneurial behavior is organize programs aimed at building awareness, create forums to spot and encourage young students with aptitude for this field, strengthening of mentoring resources, creating opportunities for interaction with those experienced in entrepreneurship, facilitating inventive behavior through idea contests, design and development laboratories and patent facilitation for inventions and also efforts to build an overall ecosystem

KPIs

- I. Visible efforts of spreading entrepreneurial spirit/ behavior (Growth in the number of entrepreneurs created/supported)
- II. Number of special programs for students and aspirants
- III. Number of candidates receiving incubation support
- IV. Growth rate of Patent facilitation
- V. Fostering creative environment and culture (idea contests and workshops)
- VI. Strengthening of mentorship activities
- VII. Surveys and information services
- VIII. Benchmarking and quality assurance service

Goal V: To create impact on society through shared economic and social goals

By aligning its research, educational outcomes and extension activities to broader social and economic goals of the society, the university had been able to attract higher and higher number of students and maintain its relevance. The university endeavors to seek solutions to a growing number of problems through engagements with local, national and international communities and render support for inclusive development agenda. Though we made some beginning in this direction engaging faculty and students and some institutional mechanisms like community radio and counseling centres and increasing access to education of disadvantaged, burgeoning needs and challenges remain in a number of areas related to basic human needs and better quality of life. Our sense of social responsibility does not stop with just participation in those activities but to make it as our own way of life too.

The Strategy

The basic strategy through which the university will strive to create impact on society through shared economic and social goals is to channelize its research agenda on areas relevant to such societal impacts. The students, faculty as well as alumni members are planned to be engaged through workshops/ interactive sessions. It will be aimed to adopt multidisciplinary R&D programmes to derive solutions and to provide access to these solutions by the community by noncommercial as well as commercial channels.

KPIs

- I. Number of educational/ extracurricular programs focusing on societal needs/problems
- II. Extent of engagement in programs relevant to the national priority areas.
- III. Growth in the number of international students (Global integration and expanding geographical reach)
- IV. Number of Programs aimed at strengthening the Heritage of India and its universal relevance

- V. Advances in digital technology enablement in education and research
- VI. Extent of Alumni engagement/ contribution on societal needs

Goal VI: Contributing to integrated approaches to Energy, Sustainability and Quality

Climate change will be one of the biggest challenges having local and global impacts in future. The society as a whole including the governments will look towards academic and research community to generate better understanding, monitoring and mitigating capabilities through research, development and extension activities. Thus, environmental sustainability should be integral process of education and the climate change issues should be an inseparable component of research agenda. This field also underscores the importance of collaborative approach needed in tackling this multidisciplinary issue.

The Strategy

The underlying strategy which the university aims to adopt towards integrated approaches to Energy, Sustainability and Quality aspects is to strengthen research and publications in these fields, create meaningful discourse, making 'sustainability' as part of curriculum, promoting the spread of quality culture, and strengthening the Green energy courses and climate change related research.

KPIs

- I. Driving innovations on environment and sustainability
- II. Programs relevant to Quality of Life enhancement and Mind management
- III. Research/ education and outreach activities relevant to combating Climate change
- IV. Research directed on green energy- sources, conversion and efficiency

Action plan 2017- 2020

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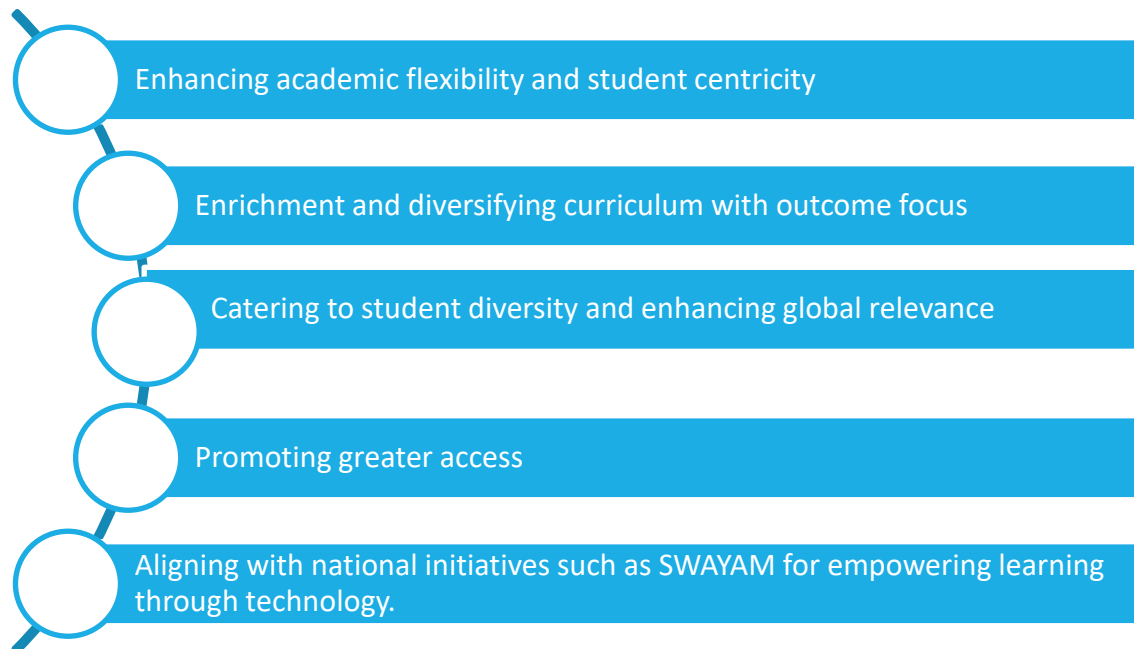
- 1 Academic program**
- 2. Research and innovation**
- 3. Sponsored programs of research and consultancy**
- 4. Human Resources**
- 5. Enhancing the pedigree of excellence in sports**
- 6. Infrastructure**
- 7. Student Support**
- 8. Entrepreneurship promotion**
- 9. Collaborations**
- 10. Social responsibility**
- 11. Financial resources**

Action plan 2017- 2020

Endowed with a vision to empower talent through its innovative learning experience, Jain University has been the coveted destination for education for young minds hailing from more than 50 countries. Ever since it had been declared as a Deemed-to-be-University by MHRD, Govt. of India u/s 3 of the UGC Act in December, 2008, the progress on different fronts had been phenomenal in such a short span, and it was duly accredited by NAAC with an A grade with CGPA of 3.31. Due to its striving for continued success and resilience, Jain University has become one of the top universities in India. The university has left no stone unturned in providing state-of-the-art facilities in various sectors including education, sports, entrepreneurship, research, and its other ventures. This short-term action plan of the university covering a horizon of 2017-2020 is drawn in consonance with vision, mission and the strategic priorities defined for the university.

1. Academic program

Jain University's track record of excellence and its commitment would continue towards further academic advancements. During the next three years, focus will be on the following near term objectives



1.1 Track record in academic progress

Jain University, though young has created an excellent record in its design, delivery and implementation of its academic programs. Some highlights of these are as follows:

- Successful academic programs offered by 19 PG and 22 UG departments and 9 schools in traditional as well as emerging areas. As many as 48 (25 UG and 23 PG level) academic programmes are in emerging/innovative areas.
- 448 permanent and qualified faculty (as of the end of academic year 2016-17)
- Presence of international students (348), and ongoing choice based credit system
- Introduced 34 programs (20 in UG) in emerging areas over the last 4 years.

- 68 value added and skill oriented programs

1.2. Goals:

1.2.1 Digital technologies to enhance quality & access:

Over the next three years, the university envisages to create/ use the on-line platforms for delivery of high quality content (JUX and LMS/ MOOCs) including following initiatives

- At least 20% of relevant SWAYAM courses to be approved for credits in the programs of the university
- SWAYAM courses will be widely publicized
- Proposals generation for new SWAYAM courses will be encouraged
- Majority of teachers will be targeted to be trained to use SWAYAM while they teach.
- Digital Learning Monitoring Cell will be set up in the university

1.2.2 New programs / courses and benchmarking

It is planned to develop 03 new Programs under the Faculty of Law

It is planned to establish the faculties of education as well as architecture and develop initiate new programs in education and architecture

Planning will be completed for establishment of Centre for Cultural Studies and initiate actions

The short term certificate courses by the faculties of engineering and sciences will be enhanced

Review the feedback on CBCS and next cycle of curriculum review to be taken up

1.2.3 Student strength, diversity and support

Catering to student growth by about 30%

Enhancing activities of Human Network Academy to strengthen value system among the student community

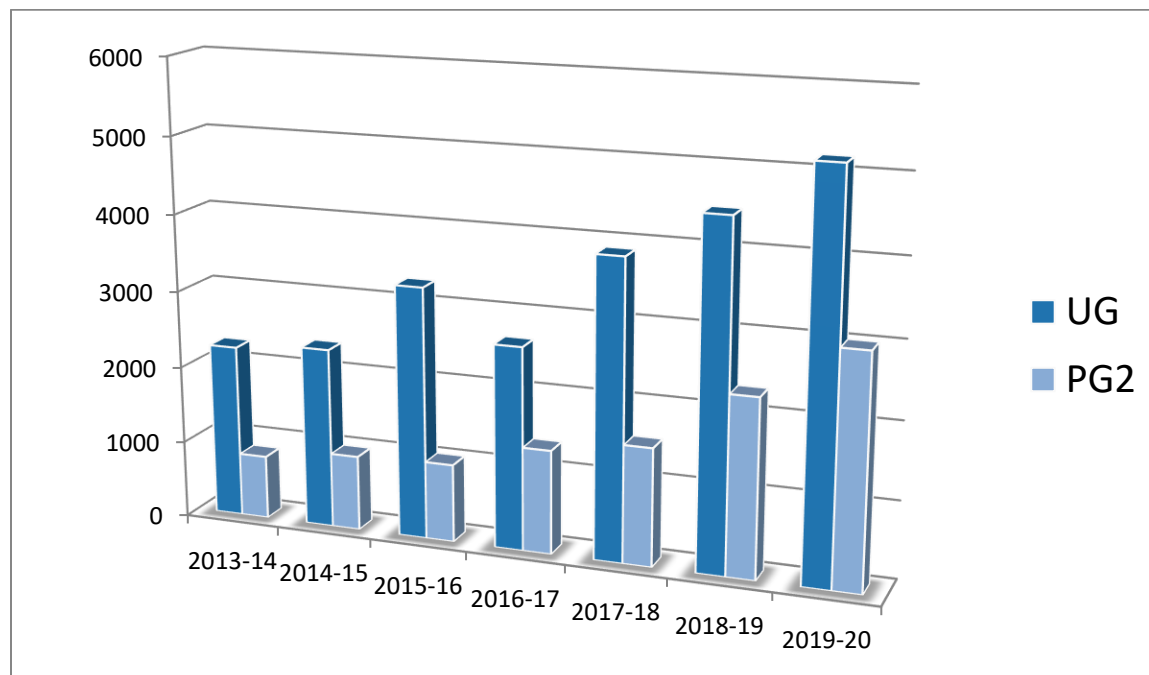
1.2.4 Goals regarding Faculty:

Increase in the number of Faculty with PhD and NET/ SLET by 30% (from 208 in 2017-18).

Undertake NBA accreditation process for three departments in the School of Engineering

Plan of action for Academic programs: New initiatives and renewals encouraged.

Student enrolment growth and projection



2. Research and innovation

Research constitutes one of the key goals of Jain University. The main thrust for research in the following three years is to focus on progressing / completing ongoing research and generate/ submit to granting agencies and following up on them. Accordingly, the University will focus on:

- Completion of ongoing projects as per plans
- Seeking greater funding of research through new proposal generation
- Maintain Research facilities ensuring efficient performance, reliability, safety and availability
- Adding publications with impact
- Steps to attract Research sponsored by Govt. and national institutions

2.1 Key Achievements

- 7 dedicated research centres (One national facility for fire testing and fire standards)
- 37 ongoing projects sponsored by GOI and the state govt agencies. 60 externally funded projects completed
- 2860 publications of which 1897 are in Scopus and international databases, & a tenfold growth in 5 years; 122 books published

7 patents granted, 6 more had been filed and are awaiting grant in the patents office.

In all the above areas, plans for new activities year-wise are projected at the end.

2.2 Action plan for research

The University aspires that the research excellence being pursued by its dedicated research centres should lead them to elevate their status as recognized centres of excellence. In the field of science and technology, the potential centres for such progress are the Centre for

Nano materials and Sciences and the Fire and Combustion Research Centre. Similarly, in the field of Social Sciences the Centre for Research in Social Science and Education (CRSSE) creates such potential through its path breaking research engagements at national and international level, and its contributions in fields like Election Studies, Democracy studies, Governance, political Institutions and youth policy. These accomplishments at CRSSE also augur well for establishing an International Research Centre for Public Policy.

In the field of aerospace, IIAEM has globally renowned faculty on fatigue and fracture, structural health monitoring and other related disciplines. The aim is to converge these research capabilities on the theme of Aviation safety and achieve further excellence. At the same time, research related to nationally emerging applications like space navigation, autonomous systems, and nano materials will be given priority. By pursuing research in high technology areas, the university aims to seek solutions in socially vital areas of energy, health and water – for example through R&D on Quantum dot cells (Energy), water remediation, and design of molecules for therapeutic uses and waste management. Emphasis will be placed on greater engagement of research scholars in interdisciplinary research.

The key areas identified for progress in the outcomes of research is to enhance indexed publications, enhance patentable outcomes of research and undertake at least another five projects for commercialization out of the IP generated. The state of the art facility developed as UL-JU Fire test laboratory is an exemplary model in the industry –academia collaboration and efforts will be made for its recognition as a national test facility in view of its unique capabilities. Further the university plans to generate adequate human resource capacity in the field of fire research through design of a PG program in the field of fire safety. NABL certification would be sought for FCRC. The Centre for emerging technologies would take steps towards incubation of technologies which it had developed. Qualification of Solar pumps will be undertaken to meet the MNRE guidelines. There had been research ongoing in the field of disaster mitigation, and the further step would involve the development of a computer model for forecasting of district and subdivision level rainfall at seasonal and monthly scales. The university will continue to place thrust on spreading and enhancing research culture in all faculties and departments including commerce and

management. In order to cater to emerging needs of our fast growing national economy, new courses will be designed in the Dept. of Commerce.

Research work is a field that involves both challenges and opportunities. The University has envisioned for itself a platform to explore the latest technologies to push the boundaries of whatever is possible in each domain. The prospective plan is for a global approach with a co-innovation network facility and collaboration. This enables to foster research in the community in cutting edge and frontier areas.

3. Sponsored programs of research and consultancy

Research studies planned to be completed in the next three years

The Research and Development Cell (RDC) of the university, which is chaired by the Vice Chancellor and comprising of the Pro Vice Chancellor, the Deans of Faculty, Directors of the Research Centres and eminent experts provide the oversight and guidance for the research activities at the university. The research and development units at each faculty undertake detailed planning and execution. The research projects proposed by faculty members, vetted by research and development units and approved by the RDC are proposed for granting institutions/govt.agencies for support. The collaborative environment encouraged for interdisciplinary research among faculties, dedicated research centres and external institutions of repute in formulating as well as implementation of research programs is another distinguished feature at the university.

Following provides list of projects undertaken in the immediate past as well as those on-going and slated to be completed during ensuing period covered by action plan

Content of research	Sponsoring agency
Studies of interaction of plant growth promoting rhizobacteria (PGPR) and arbuscular mycorrhizal fungi (AMF) on <i>Lycopersicon esculentum</i> and <i>Capsicum annum</i> plants	DST-SERB
Potential of selected microbial pigments as cancer therapeutics: an evaluation on human cancer cell lines	DST-SERB
Proteomic and transcriptomic profile of hemotoxic snakes: Implementation in development of effective, safe and feasible anti-venin	DST
Preparation and characterization of GO induced thin film	DST
Production of Hydrogen through the coupling of dehydrogenation of Nitrobenzene for the synthesis of Styrene and Aniline over different promoters supported on basic oxide catalysts.	DST
Development of novel metal therapeutic compounds	DST
Design and Fabrication of disposable devices for quantitative detection of Fluoride in Field studies	DST
Luminiscent Liquid crystals for organo- electronic devices	SERB
Palladium and Nickel complexes of Nitrogen-functionalised N-heterocyclic Carbenes as C-H activation and/or C-C/C-N coupling catalysts	SERB
Application of emerging nano materials in energy, health and water	Ministry of Science and Technology
Accumulation of Host Defence Compounds during Induction of Resistance against Ragi Blast disease	SERB
Mono, Bis and Tris 1,2,3 -Triazole- based Palladium (II) and Nickel(II) N-heterocyclic Carbenes Complexes as C-C/C-N coupling of olefin Polymerization catalysts	SERB

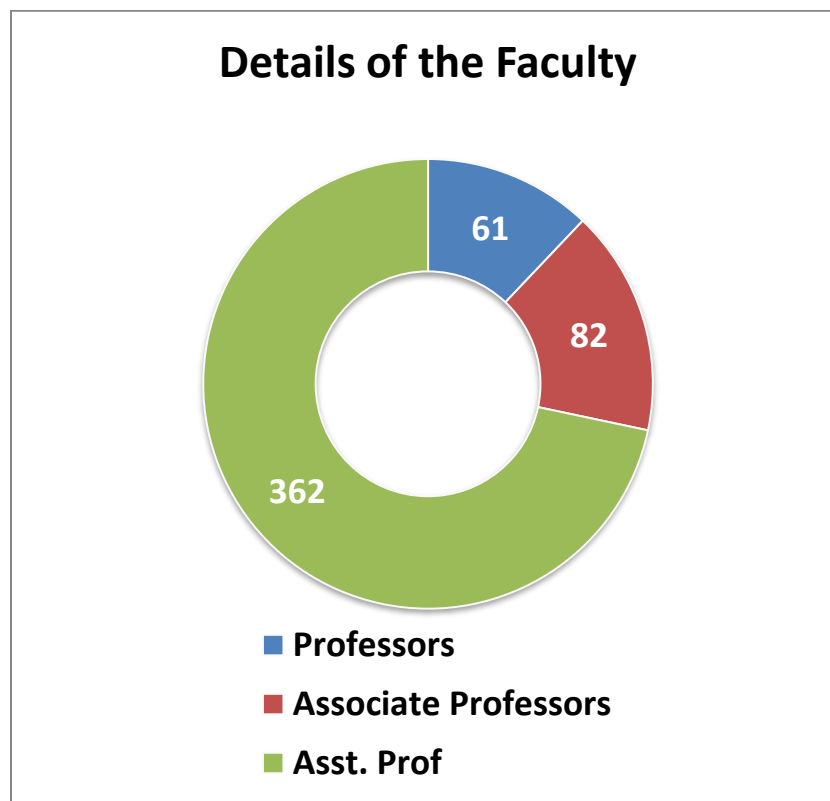
Content of research	Sponsoring agency
Luminiscent Liquid crystals for organo-electronic devices	SERB young Scientist
Design and Fabrication for reusable devices for removal of copper, mercury and lead ions from water	SERB young Scientist
IRNSS_ user reciever	ISRO
Application of IRNSS receiver in GNSS-R reflectometry with specific reference to ocean, Himalayan ice/snow and land surface	ISRO
Differential positioning Algorithms based on IRNSS	ISRO
Study and correction of SAR images for ionosphere scintillation effects at L and S bands using IRNSS ionosphere data	ISRO
Real-time/ Near Real-time display and mapping of IRNSS-Generated data from a rover	ISRO
On-orbit characterization of space borne synthetic aperture radar (SAR) performance using ground deployed corner reflectors	ISRO
Biodiversity information and technology exchange for Snakebite Management	EU-FP7
Regulatory open pool fire testing of transportation casks for radio-active material	BARC/ DAE
Synthesis and development of flourimetric /calorimetric probes for the determination of Cu,Fe and Zn in blood serum and cell lines	BRNS/DAE
Effect of electron beam irradiation on polymeric composite membranes forpervapourisation separation application	BRNS/DAE
A solar pump test facility	UL
Preparation of an anti-fouling membrane by wet chemical methods and its performance study for filtration applications	NRB

Content of research	Sponsoring agency
Garga- Jyothishya	ICHR
Varnadharmashrama	ICPR & Santhigiri Research Foundation
Wisdom tradition, Cultural creativity and social integration: Exploring the spiritual legacy of Karnataka	ICPR & Santhigiri Research Foundation
Project on philosophy of Ananda Coomaraswamy	ICPR
Translation of classics- Sanskrit Literature	ABHINAVA
Compatibility Pongamiya pinnata biodiesel and its diesel blends on elastomeric materials	VGST-SMYSR
Development of new nano-filtration membranes for desalination and brackish water	Ministry of drinking water and sanitation
Exploration of unique properties of Quantum dots for efficient energy harvesting in solar cells	MNRE
Emergence of the states as the centre of Indian politics: Implications for Indian Federalism	ICSSR
Quality of higher education in India: Defining Parameter, creating resources and evolving models.	ICSSR

4. Human Resources

A well balanced set of Faculty in terms of experience, eminence and specialization constitute the key resource of the university. In order to meet future challenges, the key strategy of the university will be to attract the right talent, focus on continuous faculty development programmes, promoting participation/ contributions to prestigious national and international competitions, joint organization of programs with the most coveted national academies in science and technology and other fields; funding support for in-house projects; faculty exchange programs; encouraging higher/ additional qualifications; focus on outcomes in faculty’s learning and evaluation.

4.1 Faculty and staff structure (2017 - 18)



Permanent Faculty:	505
Part time faculty:	76
Non-Teaching	399
Technical:	82

5. Enhancing the pedigree of excellence in sports

The students and Alumni from Jain University had consistently achieved over the past years remarkable successes in the inter-university, state and national levels. It is also a matter of pride that the students of this university represented India in Rio Olympics. The university have as their alumni prestigious sports persons including Pankaj Advani, Shika Tandon, Robin Uthappa, Manish Pandey, Rehan Poncha, Anup Sridhar, Gagan Narang, Mayank Agarwal, Gagan Ullalmath, Varun Aaron, Shreyas Gopal, Rakesh Manpath to name a few. The ambience of infrastructural excellence, able guidance and generous encouragement of the management for competence building in this field had paid rich dividends as evidenced by the foregoing account. The ultra-modern aquatic complex, the international standard oval cricket ground, plexi-cushioned tennis courts, football, hockey, volleyball, basketball grounds, athletics, golf facilities and high caliber indoor facilities had provided excellent support to train and scale up talents to the highest potential.

This tradition of exceptional achievements in sports arena distinguishes our university and in the near term, our action plans would focus on maintaining this track record and adding a few new dimensions as well. The foremost effort will be to enable higher achievers in sports for podium finish in Olympics. An equally important thrust area will be to grow higher number of national representatives in sports. Conditions will be created to encourage talented students to pursue sports as profession. Finally, it will also be endeavored by the university to examine feasibility of research in selected areas related to sports.

6. Infrastructure

In order to balance ever increasing demand for additional space for classrooms and laboratories, the university has developed a strategic plan to enhance the physical infrastructure. The physical infrastructure of the Jain University is mainly spread over its School of Engineering and technology at the Global Campus and at campuses of various other schools. These are equipped with adequate number of class rooms, laboratories and recreational facilities, community areas and other structures specific to the domains in which the campus is imparting courses. Some of the campuses are centrally air-conditioned. This infrastructure includes 229 class rooms, 52 staff rooms, 91 laboratories, 10 seminar halls, 3 auditoria and one colosseum.

Last year witnessed establishment of a new propulsion lab for International institute for Aerospace Engineering and Management and a state of the art Fire and Combustion Research Centre. Further, the infrastructure of the School of Humanities and Social Sciences and the School of Interior Design had been renovated.

The university has well equipped libraries at each school apart from the central library. The library facilities are automated with Easylib, the library management software. The library is repository to over one lakh book volumes, 97,999 e journals, 9273 CDs and 7561 project reports and internet access to external resources. The university is also equipped with modern IT infrastructure including LAN access, computational labs with regularly updated software and tie up with National Knowledge Network. The Centre for Virtual Learning and Innovation supports the technology enabled Learning (TEL)

Hostels

Presently 2630 students, who include 930 girl students, occupy the residential accommodation provided through 15 hostels. In 2016, additional hostel was created for girl students at the School of Engineering and Technology, with capacity of 228 students. Another hostel is also under construction to accommodate more girl students.

6. Student Support

The focus for overseeing student support is accorded through the office of the Dean, Student Welfare, who coordinates activities with Student Support Cells like Counseling Cell, Grievance Redressal Cell, Women's Cell, University-Industry Interface Cell provide strong support to students.

Business incubation Centre takes care of nurturing and encouraging start-ups of entrepreneurs.

120 gold medals awarded to achievers in various fields during the annual convocation. Placement and Training Cell takes care of skill development and placement of students. Welfare measures like accident insurance, scholarships, financial assistance to sports persons will continue.

Certain other Welfare Activities for students include the following:-

- Career Counseling and guidance
- Networking opportunities and Motivational Programmes
- Skill Development Workshops
- Assistance for obtaining educational loans

7. Entrepreneurship promotion

7.1 Goal driven activities

Multipronged initiatives had been taken by the university for promoting entrepreneurial spirit, and to inculcate entrepreneurial skills among young students. These included for instance conduct of specialized masters' level management education programs relevant to entrepreneurship and family business, extending mentorship support, provision of business incubation support, guidance and support on financing and risk management, giving market related advisories and extending process development support and even rendering after- graduation assistance. A special initiative of the university will be to develop entrepreneurships that will alleviate poverty through social business enterprises.

Competitions like idea contests, invention prototyping, and Hackathons will be organized and strengthened.

7.2 Accomplishments

Some major accomplishments by the university in the past include the following:

- Established technology business incubator
- Collaboration at international and national level.
- Conduct of Idea contests to catalyze inventiveness among students and young faculty
- Support for the proof of concept or application driven R&D

Action Plans:

In the coming three years, the same thrust will be maintained to promote entrepreneurial spirit, expand opportunities for support and create stronger network and extension activities. These will be pursued, interalia, through (i) diversifying the special PG programs on entrepreneurship and entrepreneurial management through specializations of learner centric focus, (ii) expanding the awareness and training programs (iii) mobilizing greater resources for mentorship, (iv) targeting substantial growth in incubation assistance and (v) institution of Chair professor ship in entrepreneurship development. Targets are indicated in the table at the end.

8. Collaborations

8.1 Accomplishments and goals

- **Consultancy**

The specialized expertise of faculties in the university had been deployed for important contributions such as Capacity building for democratization in Myanmar, Karnataka Human Development Report, strengthening community engagement in Higher Education Institutions, integrated features of Constitution, play therapy and design thinking, emergence of states as the centre of Indian politics, and development of indoor fire test facility among others. As many as 38 consultancy projects have been completed and 17 consultancy projects are ongoing. The goal is to increase the rate of this activity in niche areas where the university had developed strengths including fire research, aerospace structures, and survey research in social sciences.

- **Collaborations**

The university- Industry cell has been building and strengthening industry academia interface and promoting mutually beneficial collaborations with leaders in certain areas. Collaboration with Underwriters Laboratory in the field of Fire research, fire standards and testing is a fine example to indicate. Many cross functionary tie ups with entities such as TUV Rheinland, MEMS, NAL, Taneja, BARC, ACCA, CIMA and Vidushi Academy. This interface encompasses priority areas such as testing facility for solar pump and fire testing laboratory. The goal is to expand such collaborations in the next years too as shown at the end.

8.2 Action Plan

In the next three years the university, aims to accomplish following actions as part of its collaborative growth.

- Making Alumni connect program complete its initial phase and setting it into operational phase

- JU and Industry MoU's- increase as targeted (in the Table at the end)
- Extending Certification and test services from Fire Laboratory
- Focusing efforts of Human Network Academy to enhance value system in student community

9. Social responsibility

9.1 Goals

Jain University aims to instill socially responsible behavior in all its students besides institutionally pursuing social responsibility as one of its goals and as an underpinning implementation strategy of its diverse capacity building activities. The overarching initiatives of its umbrella group in terms of excellence in rural education and increasing educational access to underserved areas serves as a strong cultural and motivational backdrop to the university's innovative programs such as community radio, counseling services, research and products on energy from waste, affordable water purification technologies, promotion of healthy youth and mind management training. As a goal in the near term, the university aims strengthen above activities and will endeavor to further grow its socially integrating environment and ethos by catering to diversities in all aspects of its corpus and pursuits, through infrastructure excellence, IT enabled campuses and an eco- friendly environment, with green audit conducted by independent body.

9.2 Accomplishments

While there had been numerous activities that contributed to social responsibility dimension through its core education, research programmes of the university, two notable contributions include the following:

Alternate and clean energy technologies, new biomass burning device and improved gas stoves, rain water harvesting

Community radio station with focus on health, waste management, environment, social awareness, and gender issues.

9.3 Action plan

The university in the next three years will pursue the following initiatives:

- Introducing special PG programs related to Climate Change, Energy Management after the study of implications
- Increasing the Environment friendly facilities / infrastructure in the campus
- Organizing special events including conferences to promote debate and discourse and promoting collaborations

10. Financial resources

University is completely self-financed and resource mobilization is mainly through tuition fees. Significant budget provisions have been made for academic and administrative activities. Finance and administrative processes make use of digital mode of payments and transactions

Efforts will be continued to obtain sponsorship of research projects from various funding agencies in the government at the state and central levels. Regular processes of internal and external audits on annual basis are carried out.

The year-wise milestones for each segment of action plan are indicated over a five year horizon ending with 2019-2020.

JAIN (Deemed to be University)

Year wise plan targets (2017-2020)

		2015-16 (Actual)	2016 -17 (Actuals)	2017-18	2018-19	2019-20
1	Academic Program					
	Total no. of Academic programmes- PG	40	44	51	57	59
	Total no of Academic programmes- UG	29	31	45	57	62
	Student Strength -UG	3267	2632	3870	4464	5164
	Student Strength -PG	1012	1348	1529	2306	3000
	NBA Accreditation	....	....	Preparatory Activity for NBA accr.	Engineering prog. NBA accr. in process	MBA/MCA prog. NBA accr. in process
	Total faculty members (strength)	421	448	505	564	620
	Faculty with NET, SLET &PhD	97	113	208	246	306
	SWAYAM courses generated by different schools	....	.....	Workshops (20 sessions)	5 courses	+ 5 courses
2	Research and Innovation					
	Number of Publications indexed in SCOPUS/ web of science/UGC approved	425	448	453	650	860

		2015-16 (Actual)	2016 -17 (Actuals)	2017-18	2018-19	2019-20
	& intl. data bases					
	Cumulative number of Patents Applied	13	13	24	29	35
	Socially relevant research (total no of projects being undertaken)	33	27	29	41	45
3	Sponsored Research & Consultancy					
	No of new project proposals submitted	6	9	14	21	28
	New Projects added	9	7	15	20	23
	No of projects completed	15	15	3	6	8
	Consultancies taken up	6	3	2	6	9
	Consultancies completed	7	1	IPR Policy Reviewed	4	6
4	Human Resources development					
	FDPs Conducted	6	8	12	20	22
	No of Conferences organised- National	4	10	20	15	22
	No of Conferences organised-	3	1	3	8	10

		2015-16 (Actual)	2016 -17 (Actuals)	2017-18	2018-19	2019-20
	International					
	Funding for in-house projects (Rs Lakhs)	5	8	15	25	50
5	Enhancing sports excellence					
	No represented at Inter University level sports/games:					
	No of Tournaments	12	7	15	20	25
	No of Students	168	122	136	200	250
	No represented at State level:					
	No of Tournaments	18	27	68	100	150
	No of Students	143	138	246	400	500
	No represented at National level:					
	No of Tournaments	11	14	23	40	60
	No of Students	104	136	204	300	450
	Awards (Number)	29	27	43	50	50
	(Coveted recognitions)	1 Arjuna Awardee 5 Intl. medals	1 Olympic repr. 2 Intl. medals	Kreeda Poshak (GoK) 4 Intl. medals		
6	Infrastructure and Physical Facilities					

		2015-16 (Actual)	2016 -17 (Actuals)	2017-18	2018-19	2019-20
	Augmentation	1	3	....	3	4
	Newly added	2	1	1	1	2 New Campuses
	Learning Resources Additions			National Digital Library registration Swayam Prabha channels increased access. Teacher orientation activities		
	Student Support:					
	Number of Scholarships & Value (Rs Lakhs)	95 (81 L)	115 (89 L)	200 (134 L)	250 (165 L)	300 (195L)
	Placement percentage	84.20%	97.51%	87.94%	95%	100%
	Advisory cell support extended	17	36	34	50	62
7	Entrepreneurship promotion				Jain – Yunus Social Business Centre and incubator	Education /Training/ research programs In social business
	Workshops/ Bootcamps		2	4	5	8
	Expert interactions organised		2	12	21	28
	No of companies under incubation	-	5	7	12	25
	Competitions to promote innovative behaviour		Inventech Competition	Inventech & Idea contest	Makethon /Hackathon In 5 cities	Sustained momentum

		2015-16 (Actual)	2016 -17 (Actuals)	2017-18	2018-19	2019-20
	International delegations		1	2	2	3
8	Collaborations and consultancy					
	New Collaborative MoUs/ Agreements in Research/ training/ innovation:					
	International MoUs/ Agr.	3	7	2	8	10
	National MoU's/Agr.	16	10	17	16	18
	Standards/Test Services to industry	.....	....	1	2	3
	International student support	Focus through ISSAC; Counselling and Best Practices communication	Continued advisory Services; Career planning and prof. development support	Continued Services - individual career counselling, outreach and professional development workshops, networking opportunities for students; Potential Employer connect; scholarships		
9	Social responsibility					
	Blood donation beneficiaries					
	Units Collected	1863	2348	2683	3000	3500
	No of Beneficiaries	7	9	11	14	19

		2015-16 (Actual)	2016 -17 (Actuals)	2017-18	2018-19	2019-20
	Hospitals &Blood Banks					
	Radio Active programs :					
	Projects	4	4	4	6	8
	Campaigns	5	7	7	8	9
	Building Capacities	7	9	9	12	15
10	Financial Resources					
	Recurring Expenditure	(Rs Lakhs)	11650	13623	16069	17676
	Infrastructure Fund	(Rs Lakhs)	1224	3270	4302	10500