2. Composition of the Council of Wise:

At present, even though JUs are doing well, to enhance the prestige and embrace unfolding changes being brought by the GoI in field of education sector, it is important to constitute an Advisory Council of eminent/ distinguished academicians to guide and take Jaypee Education System to the next stage of excellence in their operations, in this era defining decade.

In view of above, an Advisory Body, named as "Council of Wise" (CoW) is proposed with the following composition:

(i) Sh. Manoj Gaur, Hon. Chancellor, JIIT, Noida Executive Chairman, Jaypee Group	- Chairman
(ii) Prof. Ashok Misra, Former Director, IIT Bombay, Former Chairman, BOG, IIT Roorkee and Former Chairman, India Intellectual Ventures	- Member
(iii) Dr. Satish Kumar, Former Director, NIT Kurukshetra, Former Director General, DRDO, Govt. of India	- Member
(iv) Prof. K. P. Singh, Former Director, IT-BHU (now IIT), Vice Chancellor, VBS Purvanchal University	- Member
(v) Prof. K. Sudha Rao, Former Vice-Chancellor, Karnataka State Open University, National Fellow - Indian Council of Social Science Research	- Member
(vi) Prof. S. C. Saxena, Pro-Chancellor, JIIT, Noida, Former Director, IIT Roorkee	- Convenor

The Registrar, JIIT, Noida will look after all arrangements for the visits of external members, conduction of meetings, follow up actions on the discussions/ decisions of the meetings and any other aspect as desired by the Hon. Chancellor.

3. Mandate:

(i) "To guide and monitor the academic and research progress of Jaypee Institute of Information Technology (JIIT), Noida and other Jaypee Universities and to advise/ guide them on existing and new initiatives in the areas of teaching, learning, training, research, IPR, Sponsored Research Projects, upgradation of skills, association with other leading institutions in India and abroad and any other related matters and enable them to make a distinct place for themselves in the galaxy of higher technical education of India/ abroad".

(ii) Culture of Innovation

The culture of Innovation will be a central theme of all leading Universities and one of the most important vertical in their operations in coming decades. As such it has already taken a central theme in research oriented

Universities, specially, in some developed countries. Keeping this in view, a Jaypee Universities should also work on the following mission for this initiative.

Mission – To be a Centre of Excellence in an identified area, as per its strength, having a strong culture of innovation and incubation, with definite outcome based milestones and make a distinct place for itself in the galaxy of some existing Centres of Excellence across the country/globe.

Steps to be taken:

(i)   Identification of faculty members, scholars and students who have bent of mind for innovation and excellence.

(ii) To create a Centre of Excellence for Innovation by having these identified people and create all resources online, electronic or print medium and physical equipment/accessories/softwares at its disposal under the monitoring/mentorship of "Council of Wise".

(iii) A plan document under the guidance of "Council of Wise" be prepared with achievable target on 6-monthly basis, which be reviewed regularly by the members of the Council of Wise.

Some successful examples of culture of innovation are as follows:

(a)   The example of oldest innovation is wheel & its transformation impact is important even today.

(b)   Education, Scientific research experience and conducive environment at work place are key points for culture of Innovation.

(c)   India installed its first atomic power installation i.e. a nuclear power station near Tarapur, Maharashtra on 11 October 1960, when we were not even self reliant in food grains. This was one such innovative step in sixties by our 1st Prime Minister which has proved decisive in putting India in 2008   in "nuclear club" of 6 nations (China, France, Russia, United Kingdom, United States and India).

(d)   India stopped importing Wheat/Rice and has become self sufficient in food grains during the last thirty years. It has been achieved through the advent of the Green revolution founded by Sh M S Swaminathan in the early '70s. The aim was to increase agricultural productivity in the developing world with use of technology and agricultural research.

(e)   Today we wish to dedicate the decade of 2021 to 2030 to develop this culture in Jaypee Universities and let this decade be called INNOVATION DECADE to develop Culture of Innovation.

(f)   Unchartered Frontiers like Space, Cyber Security, Electronic Warfare, Carbon Foot Print, Climate Control, are some of the areas where innovation is the need of the hour.

4. Implementation of Mandate:

The above mandate shall be implemented in all the Jaypee Universities under the guidance and directions of the members of CoW, as per details given below:

(i) The members will visit JIIT, Noida, in each quarter regularly for a period of one week (5 days). The visits will also be arranged to other campuses of Jaypee Universities, in a planned manner in a way that each campus has benefit of this important think tank.

(ii) The Council will keep track of all new initiatives and policies in leading institutions at India as well as at global level and guide the Jaypee Universities to include them in their academic and research curricula.

(iii) Innovation and Incubation will be a major focus area of this initiative.

(iv) In first visit, the current status of the activities in all Jaypee Universities will be reviewed. Based on the review, the targets will be set for enhancing the activities mentioned in point 3 above in a planned manner in a set time frame. Based on the review, a plan document (for 5 years) will be prepared by each one of the University indicating the expected outcomes and schedule of their completion in a phased manner.

(v) It is proposed that there will be two plans:

   (a) **Plan-1**: Accelerated plan to establish and activate Centres of Excellence within one year.

   (b) **Plan-2**: 3 years plan to make each campus to attain NIRF ranking within top 50 by each Jaypee University and attaining a distinct position (in Top 50) in some distinct parameters of ranking.

(vi) The finalized documents will be presented to the Hon. Chancellor for his consideration and approval.

(vii) The Jaypee Universities will work on the approved documents and present progress for review in the next meetings of the Council.

(viii) In next visits, members will carry out review of the activities completed upto that time and provide feedback/ critical inputs for midterm course corrections. Before completion of the visit, the plan document will be revisited and revised and presented to Hon. Chancellor.

(ix) New activities/ initiatives will be a regular feature to be included in earlier document.

MINUTES OF THE 2ND MEETING OF COUCIL OF WISE (COW) HELD ON 30TH SEPTEMBR & 1ST OCTOBER 2022 IN "OFFLINE MODE" IN BOARD ROOM, JUIT, WAKNAGHAT

COW Members Present:

1. Prof. K.P. Singh - Member
2. Prof. K. Sudha Rao - Member
3. Dr. Satish Kumar - Member
4. Prof. S.C. Saxena – Convenor, Council of Wise and Pro-Chancellor, JIIT Noida

JUIT Team:

1. Prof. R.K. Sharma, Vice Chancellor, JUIT
2. Prof. A.K. Gupta, Dean (A & R), JUIT
3. Maj. Gen. (Retd) Rakesh Bassi, Registrar and DSW, JUIT
4. Prof. Rajeev Kumar, HOD, Department of ECE
5. Prof. Vivek Sehgal, HOD, Department of CSE&IT
6. Prof. Sudhir Syal, HOD, Department of BT&BI
7. Prof. Ashish Kumar, HOD, Department of CE
8. Prof. P.B. Barman, HOD, Department of PMS
9. Prof. R.K. Bajaj, HOD, Department of Maths
10. Dr. Amit Srivastava, HOD, Department of HSS
11. Prof. S.K. Khah, COE, JUIT
12. Prof. Shruti Jain, Associate Dean, JUIT
13. JUET Guna Team (Online)
14. Dr. Papiya Lahiri (For recording MOM along with Dr. Amit Srivastava)

At the outset, Prof. S. C. Saxena introduced the Members of Council of Wise (COW) to all present in the meeting, discussed about the challenges of admissions in all academic programmes and need to work jointly by Vice-Chancellor, Dean and Faculty members for making JUIT as the best private university in the state of Himachal Pradesh for admission seekers, analysis of overall admission status in JUIT during last 3 years and need to carry out analysis from all dimensions; before introducing a new programme or bifurcating an existing specialization or modifying an existing programme, a critical study and analysis be carried out w.r.t. demand of such programmes by the students, need by industry, overall scenario nationally and globally.

Prof. K Sudha Rao suggested that Jaypee institutions may take initiatives to conduct Academic Audit of each University and she would be happy to assist the universities in this task. JUIT, being situated in a serene, pious, neat and clean environment in Himalayas, could be a place of attraction for many international students, therefore, JUIT should make all out efforts at all levels to attract/ reach international students on its campus, to improve placements, getting more sponsored projects from funding agencies, regular efforts to enrich and upgrade quality of faculty, and facilitate faculty to carry out multi-disciplinary research work, to modify the curriculum to attract quality students, B.Tech and M.Tech projects be further worked upon to get research publications and funded projects out of them, to

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encourage good research work and projects and convert them into entrepreneurial activities, etc. Starting online language courses may attract foreign students in large numbers.

Prof. K Sudha Rao also advised the visit of the faculty members to industry, to inculcate self-learning and latest knowledge upgradation habits in students, to clearly identify the thrust areas and the faculty members associated with them and work to be carried out in a targeted mode, peer training by the senior students of junior students.

Prof. Saxena also mentioned about the process of Academic Audit to be implemented effectively in Jaypee Universities (JUs). He advised to identify the performers and non-performers in the academic system and to make all out efforts to help the non-performers to become performers.

Dr. Satish Kumar stressed the need of international collaboration with reputed international/ national universities and other organizations and advised to focus on all those parameters, which improve NIRF ranking.

Prof. K P Singh advised to increase admissions using the different modes by establishing contact with the targeted candidates, improvement in quality of the teachers, strengthening of bonding of teachers with students, carry out SWOT analysis, with soul searching exercises, work to increase institution visibility, focus on good quality intake of faculty, making a committee in each Department for review of the quality of project proposals to be submitted to funding agencies, mini and major be converted to major projects, expertise of HSS be used for improving language and presentations in the research publications and other academic and research domains, to improve quality of PhDs, increase in number of submissions for Patents, and circulation of IPR Policy to all stake holders in the University.

It was also agreed upon that there must be curriculum benchmarking and enrichment of all the courses in the University with curriculum of a leading Institution/ University. The innovation and incubation activities be encouraged and the students be given some free space to pursue such initiatives. The Faculty members attending FDP/ Workshops outside should submit a report to HOD after coming back and make a presentation in their Departments. Alumni Association must be a registered body. For NEP-2020, a plan must be developed for its full implementation in next 10 years. There should be a detailed DPR for NEP-2020 implementation in each JU.

In exit meeting, the following suggestions were given by the COW Members:

(i) COW Members to take a review every month in online mode with the Vice-Chancellors of progress.

(ii) The performance of each and every faculty member be monitored regularly by the Vice-Chancellor.

(iii) Faculty members at each level should remain active in both teaching and research.

(iv) Headship by rotation be considered in Jaypee University, with a 3-year tenure.

(v) Scheme of Distinguished Professors/ Eminent Professor be introduced.

(vi) Performance evaluation for a faculty be done on both qualitative and quantitative parameters. Parameters should be the same in all JUs.

(IX) Faculty Enrichment programme should be an integral part of yearly academic calendar

(X) Academic Audit on important parameters should be started in all JUs.

(XI) Performance based incentive be considered in all JUs.

Prof. K P Singh advised for Interdisciplinary work to include Mathematical Analysis in the research paper, with the help of Mathematics Department, to improve quality publications, and emphasis on Cooperative and Collaborative Research work.

Dr. Satish Kumar mentioned that quality of Faculty Members is good and they should get involved in more outreach activities, Civil and BT-BI should get involved in more collaborative research work people here should work with honesty and full commitment, should have a sense of belongingness with the University, JUIT should prepare the list of people working in same or similar area and be encouraged to do collaborative work, employees at JUIT should "Think High and Dream High", and Outcome based activities are must for the growth and development of the University.

Prof. K Sudha Rao suggested that JUIT should try to get funds from Government agencies, focus on areas of Government priorities, identify the funding agencies of different areas, should prepare the list of all the funding agencies and communicate to all Faculty, conduct a 3-days workshop on Project Writing by external experts, initiatives be taken for Resource Mobilization and Resource Utilization, Hoardings of JUIT be placed at appropriate locations on the highways, everyone be self-critic to improve self, and should try for getting funds from industry.

JUET, Guna

JUET presentation was more generic in nature. It was decided to have more in depth interaction and targets setting in next COW meeting wherein COW Members will visit JUET, Guna in person. However, JUET, Guna was advised to work on all the suggestions given by COW Members to JIIT, Noida and JUIT, Waknaghat.

Recommendations:

Following procedure will be followed to make COW functioning more effective to help the Jaypee Universities in their growth and development:-

(a) Each Council Member will select the mentorship and monitoring of 5 – 6 parameters common to all Jaypee Universities.

(b) **The Council meeting will be held in physical mode after every three months, however, the process of facilitation/ interaction will continue regularly in online mode i.e. an interaction at least once in each month with every Vice-Chancellor to know the progress.**

(c) Prof. S C Saxena will facilitate the process of online interactions and also make schedules of regular physical meetings in consultation with the Council Members.

A. Keeping above in view, following activities are tagged with each Council Member for mentoring, monitoring, facilitation and hand holding:

1. **Dr. Satish Kumar**

   (i) Thrust areas of the Departments

   (ii) Collaborations with Industry and R & D Organizations

   (iii) Sponsored Research Projects (from organizations of his connectivity)

   (iv) Incubation Centres, Technology Centres, Centres in frontier areas of Research

   (v) NIRF Ranking

   (vi) Initiatives on climate change, environment and sustainability

   Dr. Satish Kumar is humbly requested to send the format for setting up the targets by each University for each one of the above activity for monitoring, mentoring and facilitation.

2. **Prof. K P Singh**

   (i) Research Publications

   (ii) Patents, Technology Transfer and IPR Activities

   (iii) Sponsored Research Projects (from organizations of his connectivity)

   (iv) NIRF ranking

   (v) Guidelines/ monitoring of Jaypee Universities to prepare professionals in AI, 3 D Machining, Big Data Analysis, Machine Learning, Genomic Studies, Biotechnology, Nanotechnology, other areas of futuristic nature.

   Prof. K P Singh is humbly requested to send the format for setting up the targets by each University for each one of the above activity for monitoring, mentoring and facilitation.

3. **Prof. K Sudha Rao**

   (i) Multidisciplinary & Integrated Education

   (ii) Curriculum Benchmarking and Imaginative & Flexible Structure

   (iii) Conferences, Seminars, Workshops, Webinars, Faculty Development/ Enrichment Programmes

   (iv) Community Projects, Moral, Ethics and Value Based Education

   (v) Latest Education Technologies in Classrooms

   Prof. K Sudha Rao is humbly requested to send the format for setting up the targets by each University for each one of the above activity for monitoring, mentoring and facilitation.

4. **Prof. Ashok Misra**

   (i) International tie-ups for getting foreign students/ faculty exchange/ international projects

(ii) High Quality Support Centres for Professional Development

(iii) Futuristic Vision Document of all Jaypee Universities with defined milestones after 1/ 2/ 3/ 5/ 8/ 10 years

(iv) Academic and Research Linkages with top ranking institutions in India and abroad

Prof. Ashok Misra is humbly requested to send the format for setting up the targets by each University for each one of the above activity for monitoring, mentoring and facilitation.

B. NEP-2020

All 4 Hon'ble Members will facilitate Jaypee Universities in meeting all the requirements of New Education Policy (NEP-2020).

C. NIRF Ranking

Prof. K P Singh and Dr. Satish Kumar will guide Universities in improving their NIRF ranking and advise them to improve their parameters which are being used in NIRF ranking.

D. **All milestones to be achieved after 3 months/ 6 months/ 1 year/ 2 years/ 3 years and onward be clearly defined by the University. The progress will be monitored after every 3 month in Council meetings. Hon'ble Council Members may suggest changes/ modifications/ additions/ deletions in the activities shown against their names. All formats suggested by the Council Members will be sent to Vice-Chancellors to clearly define their targets as what has to be done in every 3 months/ 6 months and each year till final target is achieved.**

(Prof. S C Saxena)
Convenor, Council of Wise
Pro-Chancellor, JIIT Noida

Distribution:

i) Prof. Ashok Misra Ji

ii) Prof. K P Singh Ji

iii) Dr. Satish Kumar Ji

iv) Prof. K Sudha Rao Ji

Copy to:

i) Hon'ble Chancellor, Shri Manoj Gaur Ji – for his kind information.

ii) All the Vice-Chancellors of Jaypee Universities and Prof. B R Mehta Ji – for necessary actions.

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT

COW MEETING 30-09-2022 - 01-10-2022

MEMBERS

S.No.	Name	Mob. No.	Email ID	Photograph
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3.	Prof K P Singh	9838772196	kpsingh.ece@iitbhu.ac.in	
4	Dr Satish Kumar	9910057766	dr.satishkumar96@gmail.com	

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FollowUpActions-CoW Meeting on 30-09-2022-Research-RKS Activity / ITEM	Primary Responsibility	Next Level - 1	Next Level - 2	Review on 05/05/2023
1 To have regular interactions amongst the Vice-Chancellor, Director, Deans, HODs and Faculty Members	Registrar	VC		
2 To arrange student-teacher interactions on a regular basis	HoDs	Dean (A&R) VC		
3 To work on increasing the visibility of the University	Social Media / Print Media Coordinators	Registrar	VC	
4 To create a dynamic data base of Alumni to strengthen their linkages with their Departments Each department to develop its own plan of action in terms of Annual Plan	Coordinator, Alumni Relations	HoDs / Registrar	VC	
5 Alumni Association must be a registered body	Coordinator, Alumni	Registrar	VC	
6 Signing of more number of MOUs for national and international collaborations clearly defining the activities to be undertaken in each MOU and mechanism of monitoring the progress of activities being undertaken in each one of the MOU	AR(A)/ Coordinator Int Collaboration Centre	Registrar	VC	
7 Targets be set for enhancing the NIRF ranking parameters and progress be reviewed on half yearly/ yearly basis	Coordinator NIRF	Dean (A&R)	VC	
8 Annual Volume be published as a record of various activities undertaken and completed in each academic year	Deputy Librarian	Registrar	VC	To be sent to stakeholders
9 Hoardings of JUIT be placed at appropriate locations on the highways	Construction and	Registrar	VC	

FollowUpActions-CoW Meeting on 30-09-2022-Acadmics-RKS Activity / ITEM	Primary Responsibility	Next Level - 1	Next Level - 2	Review on 05/05/2023
1 To increase admissions using the different modes by establishing contact with the targeted candidates	Heads / Admission Core Committee	Dean (A&R) / Assoc Dean (I)	VC	
2 Analysis of overall admission status in JUIT during last 3 years and need to carry out analysis from all dimensions	Admission Core Committee	Registrar	VC	
3 To modify the curriculum to attract quality students	HoDs	Dean (A&R)	VC	
4 Curriculum benchmarking and enrichment of all the courses in the University with curriculum of a leading Institution/ University	HoDs	Dean (A&R)	VC	
Curriculum benchmarking exercise be continued and completed as per the discussions in the Council meetings by associating experts from leading institutions like IITs, leading NITs, other top notch Universities				
5 Before introducing a new programme, a critical study and analysis be carried out w.r.t. demand of such programmes by the students, need by industry, overall scenario nationally and globally	HoDs	Dean (A&R)	VC	
6 Students be facilitated to have national and international internship in leading organizations	T&P Coordinator / HoDs	Registrar	VC	
7 JUIT, being situated in a serene, pious, neat and clean environment in Himalayas, could be a place of attraction for many international students, therefore, JUIT should make all out efforts at all levels to attract/ reach international students on its campus	Coodinator, Int. Coll. Center	Registrsr	VC	
8 To improve placements	T&P Coordinator / HoDs	Dean (A&R)	VC	
9 Peer training by the senior students of junior students	Coordinator, Alumni Relations / HoDs	Dean (A&R)	VC	
10 Starting online language courses may attract foreign students in large	Head, HSS	Dean (A&R)	VC	
11 To inculcate self-learning and latest knowledge upgradation habits in	HoDs	Dean (A&R)	VC	
12 To organize Faculty Development Programmes	HoDs	Dean (A&R)	VC	
13 Improvement in quality of the teachers, strengthening of bonding of teachers with students	HoDs	Dean (A&R)	VC	
14 To evolve innovative base for teaching, training and learning methodology	HoDs	Assoc Dean (I)	VC	
15 Performance evaluation for a faculty be done on both qualitative and quantitative parameters. Parameters should be the same in all JUs.	HoDs	Dean (A&R)	VC	
16 Regular efforts to enrich and upgrade quality of faculty	HoDs	Dean (A&R)	VC	
17 Organizing the visit of the faculty members to industry	HoDs	Dean (A&R)	VC	
18 Initiative to conduct Academic Audit of the University	Dean (A&R)	VC		

FollowUpActions-CoW Meeting on 30-09-2022-Research-RKS Activity / ITEM	Primary Responsibility	Next Level - 1	Next Level - 2	Review on 05/05/2023
1 Identify the thrust areas, name and number of faculty members working in the thrust area	HoDs	Dean (A&R)	VC	
2 To compile a list of all funding agencies Department wise containing all relevant information like formats to submit proposals, dates of submitting proposals, etc. and the same be circulated to the Department Faculty from time to time. This list and its information be updated on a regular basis.	Assoc Dean (I) → Hods → Faculty Member	Assoc Dean (I)	Dean (A&R) / VC	
3 Organizing department-wise two-day's workshop keeping in view the main agenda of developing project proposals using external subject experts	Hods	Dean (A&R)	VC	
4 Departments to join together for multi-disciplinary projects, basic science faculty and engineering faculty should join together to work in multi-disciplinary area	HoDs	Dean (A&R)	VC	
5 To establish internal project evaluation review committees to review the sponsored projects being submitted by the Departments	Dean (A&R)	VC	Committee consisting of VC, Dean(A&R), Assoc Dean, and Concerned Department Head has already been formed	
6 To form the Faculty Groups	VC		Groups have been formed	
7 Facilitate faculty to carry out multi-disciplinary research work	VC		Finances can be assigned for these	
8 Getting more sponsored projects from funding agencies	Faculty Groups	Dean (A&R)	VC	
9 Making a committee in each Department for review of the quality of project proposals to be submitted to funding agencies. expertise of HSS be used for improving language and presentations in the research publications and other academic and research domains	HoDs	Dean (A&R)	VC	
10 Each Department should compile a list of at least 20 reputed international/ national journals which are SCI/ SCIE/ SSCI and SCOPUS Indexed in thrust areas of the Department where the faculty members and research scholars should publish their research papers	HoDs	Dean (A&R)	VC	In process
11 To organize events like Conferences, Seminars. Webinars. Workshops	HoDs	Dean (A&R)	VC	This is at a reasonable level
12 Evaluation of performance of Centers of Excellence by an expert team having internal and external members	Coordinators of CoE	Dean (A&R)	VC	
13 BTech and MTech projects be further worked upon to get research publications and funded projects out of these	HoDs	Dean (A&R)	VC	
Applications be encouraged for Patents / Increase in number of submissions for Patents	IPR Coodinator	Dean (A&R)	VC	
14 Need of international collaboration with reputed international/national universities and other organizations	Coodinator. Int. Coll Center	Dean (A&R)	VC	
15 To improve quality of PhDs	HoDs	Dean (A&R)	VC	
16 Circulation of IPR Policy to all stake holders in the University	IPR Coordinator	Dean (A&R)	VC	
17 The innovation and incubation activities be encouraged	Chairperson HEDC Assoc Dean (I)	Dean (A&R)	VC	
18 The Faculty members attending FDP, Workshops outside should submit a report to HOD after coming back and make a presentation in their Departments	HoDs	Dean (A&R)	VC	