

Ref. No.KAHER/22-23/D- 030223022

2nd February 2023

MEETING NOTICE

I am directed to convene the meeting of the **Research Advisory Council for Research and Development Cell** of the KLE Academy of Higher Education and Research (KAHER), Deemed-to-be-University, Belagavi on **Thursday, the 9th February 2023** at **11.00 AM** in the **Academic Council Hall** of the **KAHER, Belagavi**.

The Agenda for the aforesaid meeting is as follows:

- 1) Welcome and Introductory Remarks**
 - By Dr. S. S. Goudar, Director & Member-Secretary, RDC, KAHER.
- 2) Overview of the research activities of KAHER (Brief presentation of 3 - 5 minutes)**
 - a) Reporting of Translation Research
 - Presentation by Padma Shree Dr. Madan Godbole, Advisor, RDC, KAHER and Distinguished Professor
 - b) Reporting of the work process and progress of KLE Dr. Prabhakar Kore BSRC
 - Presentation by Dr. Ramesh Paranjape, Advisor, RDC, KAHER & Director I/c, BSRC
 - c) Reporting of the work progress related to APJ Abdul Kalam Incubation Centre
 - Presentation by Dr. Anil Koralli, Convener, KLE BMK Ayurveda Mahavidyalaya
 - d) Reporting of the work process and progress of Site Management Office (SMO) and KAHER Ethics Committee.
 - Presentation by Dr. M. S. Ganachari, Member-Secretary of SMO & Advisor, RDC, KAHER and Deputy Registrar, KAHER
 - e) Operative framework regarding JNMC Women's and Children's Health Research Unit and Updating regarding KLE-TJU (Thomas Jefferson University) collaboration
 - Presentation by Dr. S. S. Goudar, Director, RDC, KAHER.
- 3) Briefing regarding the Research and Development Cell, roles and activities of R & D cell**
 - Presentation by Dr. Sunil S. Jalalpure, Deputy Director, RDC, KAHER.

4) Progress of work related to individual committees of R & D Cell. (Brief presentation of 3 - 5 minutes)

- a) Presentation by Dr. Rajesh Powar, Convener, Finance & Infrastructure
- b) Presentation by Dr. Madhav Prabhu, Convener, Research Program Policy Development
- c) Presentation by Dr. Girija Mahantshetti, Convener, Collaboration & Community
- d) Presentation by Dr. Anil Koralli, Convener, Product Development, Monitoring and Commercialization
- e) Presentation by Dr. Shivayogi Hugar, Convener, IPR, Legal Ethical Matters

5) Any other matter with permission of chair

The meeting will be chaired by **Hon. Vice-Chancellor.**

Kindly make it convenient to attend the meeting.



Dr. V. A. Kothiwale
Registrar

To

The Members – Research Advisory Council of Research and Development Cell, KAHER, Belagavi.

Invitees: -The Conveners - Committees of the Organization Structure of the RDC, KAHER, Belagavi
-Dr. Seema Hallikerimath, Director-IQAC, KAHER, Belagavi

CC to:

1. The Special Officer to Hon. Vice-Chancellor, KAHER, Belagavi.
2. The Finance Officer, KAHER, Belagavi.

KLE ACADEMY OF HIGHER EDUCATION AND RESEARCH

ACTION TAKEN REPORT ON VARIOUS RESOLUTIONS OF THE RESEARCH ADVISORY COUNCIL OF THE RESEARCH AND DEVELOPMENT CELL
HELD IN THE ACADEMIC COUNCIL HALL OF THE UNIVERSITY ON 10th NOVEMBER 2022

Agenda No.	Subject/Item	Discussion / Briefing	Resolution	Action Taken
		<p>Dr. V.A. Kothiwale, Registrar welcomed the distinguished members and briefed the members with the following information:</p> <ul style="list-style-type: none"> An e-mail has been received from UGC wherein it has been suggested once again to constitute RDC and take appropriate compliance actions so that the same can be implemented as a part of NEP. The KAHER has already constituted RDC and initiated compliance actions in this regard and is in the process of uploading the same on the UGC portal. Dr. S.S.Goudar has been coordinating and monitoring the compliance actions in this regard. A Google form sharing the information regarding the constitution of KAHER's R and D cell was filled and submitted in the UGC website https://uamp.ugc.ac.in/ as directed in the letter by UGC. RDC is expected to play a pivotal role in catalyzing multi-disciplinary / transdisciplinary and translation research culture mandated in NEP-2020. The KAHER has been doing quality research. However, with the valuable inputs / suggestions from the distinguished members, it is possible not only to further enhance the quality in the coming years but also enhance the research productivity of KAHER. 	--	<p>Noted.</p> <p>A Google form sharing the information about the KAHER's R&D Cell has been filled and uploaded on the UGC website as per UGC letter. Subsequently, an email received from UGC regarding details of the Director R and D cell and official Mail for the cell has also been sent on 5.12.2022</p> <p>Noted.</p> <p>Noted.</p>

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		<p>Hon. Vice-Chancellor welcomed the distinguished members and expressed satisfaction and gratitude that the external as well as internal members joined the meeting with one external member joining the meeting On-line.</p> <p>The meeting started with self-introduction by the members.</p>	--	Noted.
	The Agenda was taken up for discussion and consideration			
Item No.1:	Welcome and Introductory Remarks.	Dr. S. S. Goudar, Director & Member-Secretary, welcomed distinguished members	--	Noted.

Agenda No.	Subject/Item	Discussion / Briefing	Resolution	Action Taken
		<p>and thanked them for attending the meeting.</p> <p>The Member-Secretary in his introductory remarks briefed the members with the following information:</p> <ul style="list-style-type: none"> • As per the guidelines of the UGC, the KAHER has constituted Research and Development Cell / Research Advisory Council. • The KAHER has constituted various Committees of Organization Structure of RDC under RAC nominating members as per the guidelines of the UGC. • This is the first Meeting of the RDC and of the Conveners of the aforesaid Organization Structure. • The KAHER, Deemed-to-be-University was established in the year 2006 and has undergone three 3 Cycles of accreditation by NAAC, latest being 3rd Cycle with A+ Grade with CGPA of 3.39 for a period of five years w.e.f. 21st February 2022. • The KAHER has been consistently improving Rankings / Grading by NAAC, NIRF, etc. One of the key areas of NAAC is assessment of performance in the field of Research - Criteria-III involves (Research, Innovations and Extension). • The main thrust and focus during the assessment of performance by NAAC, NIRF and other agencies is the performance and outcome in terms of 'Research', 'Publications' and 'Research and Consultancy Services' including research collaboration. He requested the external members to give their valuable inputs and suggestions to strengthen the research output / productivity which can further enhance the growth and quality research of the University. 		<p>The distinguished members kindly provided their valuable inputs / suggestions in the meeting for consideration which are summarized subsequently.</p>

Agenda No.	Subject/Item	Discussion / Briefing	Resolution	Action Taken
<p>Item No. 2</p>	<p>Briefing regarding the newly constituted Research and Development Cell as per UGC Guidelines.</p>	<p>Dr. M. S. Ganachari, Member-Secretary of SMO and Advisor, RDC briefed the members as regards to constitution of Research and Development Cell and also various Committees of the Organization Structure of the Research and Development Cell under RDC/ RAC of KAHER as per the guidelines of the UGC have been constituted with the mandate for promoting quality research that contributes meaningfully towards the goal of self-reliance India (Atma-Nirbhar Bharat) aligned with the provisions of NEP-2020:</p> <ul style="list-style-type: none"> i) Committee 1 – Finance & Infrastructure ii) Committee 2 – Research Program, Policy Development iii) Committee 3 – Collaboration & Community iv) Committee 4 – Product Development, Monitoring and Commercialization v) Committee 5 – IPR, Legal & Ethical Matters <p>The aforesaid Committees have been constituted with nomination of the Conveners, faculty members, administrators, finance officer, researchers, legal officer, etc. representing from various constituent units. The Conveners of the respective Committees shall co-ordinate and conduct the meetings as per their convenience and submit reports / proceedings to RDC Cell of KAHER for appropriate decisions.</p> <p>He informed that Dr. Anil Koralli is the convener of Product Development, Monitoring and Commercialization (Committee-4) who has knowledge and experience in commercialization of Ayurvedic formulation of some of the products.</p>	<p>--</p>	<p>Noted.</p>
		<p>He also informed that Dr. Shivayogi Hugar is the Convener of IPR, Legal and Ethical Matters (Committee-5). He has number of patents to his credit and will co-ordinate with the faculty members who have got patents for commercialization of the products.</p>		

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		The Research and Development Cell would help in catalyzing quality research and creating a research eco-system for reliable, impactful and sustained research output.	--	The R and D Cell internal meetings are being undertaken frequently for streamlining the research output.
Item No. 3	Consideration of defining Vision, Mission and Objectives of Research and Development Cell of KAHER.	<p>Dr. Punnya V. Angadi, Deputy Director, RDC, KAHER made presentation as regards to Vision, Mission and Objectives of Research and Development Cell of KAHER and briefed the members with the following information:</p> <ul style="list-style-type: none"> • As per the guidelines of the UGC issued on 14-03-2022, all the Universities including Deemed Universities were directed to constitute Research and Development Cell in compliance to which the KAHER constituted RDC on 14-09-2022. • RDC will facilitate to attain the targets of Atma Nirbhar Bharat (Make-in India). • RDC will have a vision to create a robust mechanism for developing and strengthening the Research Ecosystem at KAHER. The Mission and Objectives were also presented. • The RDC will function in <ul style="list-style-type: none"> ○ Governance and Administration ○ Research Program & Policy Development ○ Collaboration & Partnerships ○ Capacity Building ○ Research Monitoring ○ Research Information Management System ○ IPR, Technology transfer, Development and Startups. • The external members were asked to give suggestions regarding the Strategies for implementation and the roadmap for the same after the presentation. 	Resolved to approve Vision, Mission and Objectives of RDC of KAHER.	A Circular in this regard has been sent to all constituent units.

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Item No. 4	Discussion regarding priority Research areas	<p>Dr. S. S. Goudar, Director-Research, made presentation as regards to priority Research areas. He briefed the members with the following information:</p> <ul style="list-style-type: none"> • The KAHER has been carrying out research in various areas including woman and child health which is funded by NIH and recognized by ICMR and WHO. • The Research Unit of KAHER has collaborations with 25 medical colleges in the country working both at community level and facility-based study mainly focused on Maternal and New Born Health Research. • The KAHER has also established Basic Science Research Centers at Belagavi, Hubballi and Bengaluru mainly to undertake the basic science research projects. • The KAHER has also established Nutrition Lab mainly to ensure quality of the food products. • KLE Shri B.M.K Ayurveda Mahavidyalaya, Belagavi is one of the oldest colleges in the country and has its GMP certified lab and Incubation Centre. • Dr. Rabinarayan Acharya was requested to give valuable inputs / suggestions as regards to how the KAHER can strengthen the research in Ayurveda. • The KAHER has developed Clinical facility in the Hospital including Site Management Office (SMO) office which provides liaison between the Pharma industry and Clinical Research Organization (CRO) for conduct of Clinical Research and Trials. 	--	These inputs were noted and appreciated.

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		<ul style="list-style-type: none"> • Many of the Departments are involved in the pharma-industry sponsored Clinical Trials. • The KAHER, being a health science deemed university has multi-disciplinary approach involving all streams viz. medical, dental, pharmacy, Ayurveda, physiotherapy, homoeopathy, nursing science and the sponsoring body viz. KLE Society has Technological university and colleges based in Hubballi / Belagavi which will boost research in multi-disciplinary / inter-disciplinary area. • The KAHER has been enrolling 60 to 80 research scholars for Ph.D. program every year. The KAHER has introduced a number of schemes for research which will boost further enrolment to Ph.D. Program in the coming years with focus on inter-disciplinary research. • The main research areas with extensive work include: Maternal and newborn health, Nutrition and Metabolic diseases, Infectious diseases, Cancer Biology. 	Resolved to take note of the same.	Noted.
Item No. 5	Consideration of strategies to be worked out for effective utilization of the budgets for research activities / projects	Dr. M. S. Ganachari, Member-Secretary of SMO and Advisor, RDC made presentation as regards to various schemes introduced by KAHER with financial grant for the benefit of faculty members, Ph.D. Research Scholars and students for research projects, publications, attending conferences, conducting conferences, etc.	Resolved to take note of the same. While taking note of the same, it was suggested that the Principals of the constituent units shall motivate the faculty and students to effectively utilize the funds earmarked for conduct of research activities.	The policy and mechanism in making the process of funding by KAHER more user friendly, transparent and quick is being worked by Committee 1 and 2 of the R and D Cell.
Item No. 6	Any other matter with the permission of the chair			
		While concluding the meeting, the distinguished members made the following suggestions to strengthen the research:		

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		<p>Dr. Rabinarayan Acharya introduced himself and thanked for nominating as Member on RDC. He informed that he has visited KAHER as Resource Person / Speaker in the past. He appreciated the KAHER for providing the state-of-art facilities for research and also the significant contribution made by the Research Unit for community-based research. He emphasized the need and importance of undertaking research projects out of PG and Ph.D. Dissertations.</p> <p>While taking note of the power-point presentation by the Principal, KLE BMK AM, he suggested that the research is being carried out only by a few Departments like ObG, Nutritional Science, etc., the same needs to be widened with involvement of other Departments for overall research ambience with focus on Integrative Medicine. The students may be motivated to avail the financial grant made available by KAHER for research projects. He also informed that CCRAS is inviting applications for UG, PG and Post-doctoral Scholarships in Ayurveda which may be encashed by submitting quality research applications / proposals on or before 31-12-2022. The same may be informed to PG students. He also took note that the KLE Shri BMK AM has submitted application for 'Centre of Excellence'.</p> <p>He also informed that though the research in terms of Ayurveda has been satisfactory, the same needs to be widened with inclusion of inter-disciplinary and collaborative research projects involving intra-AYUSH (Ayurveda-Homoeopathy) and Inter-Research (Medical-Ayurveda), etc. as envisaged in the National Education Policy-2020.</p>	<p>--</p> <p>--</p>	<p>Noted.</p> <p>The Principal, KLE Shri B.M.K.Ayurveda Mahavidyalaya, Belagavi shall take appropriate actions regarding the same and report the progress to KAHER.</p> <p>-do-</p>

Agenda No.	Subject/Item	Discussion / Briefing	Resolution	Action Taken
		<p>Dr. Sanjay Mehandale, distinguished member suggested the following:</p> <ul style="list-style-type: none"> • The road map for research for KAHER needs to be clearly defined so that the distinguished external members will be able to give specific suggestions / inputs for further growth in terms of research projects, patents, publications, etc. • Though the presentation gives broad picture of the research, we need to define roadmap for research with emphasis on step-by-step approach clearly indicating the goals with short-term, medium term and long-term with time-line. • Terms of reference of the members of the RAC should be developed and sent to members. • The communication mechanism between KAHER, RDC and RAC should be mentioned. • The faculty members of the respective Departments / Inter-Departments need to communicate effectively so that the research in inter-disciplinary area can be considered and taken up for further growth. • Though the KAHER and its faculty members have been engaged in number of research projects, publications, patents, etc., there needs to be monitoring mechanism by a Monitoring Committee with nomination of external experts which will facilitate to guide the faculty members, Ph.D. Scholars and students to carry out the research keeping in view the societal and present needs and based on the thrust areas of research. • The quantum of financial grant for research projects differ from faculty to faculty which needs to be uniformly maintained as the research work carried out by any faculty member involves the same investment / expenses. 	<p>--</p> <p>--</p> <p>--</p> <p>--</p> <p>--</p>	<p>The KAHER is in the process of preparing road map for research with short-term, medium-term and long-term.</p> <p>The terms of references have been drafted and sent to the members.</p> <p>The communication mechanism between RDC and RAC is via meetings held at KAHER</p> <p>The Research Monitoring will be undertaken by the subcommittees of the R and D cell under the guidance of RAC.</p> <p>The KAHER encourages and promotes research with financial grant up to Rs.5.00 lakhs to the deserving research projects, depending upon the nature and expected outcome of the research. The KAHER has also policy for release of financial grant up to Rs.1.00 lakh p.a. per faculty member which is to be utilized before the end of March.</p>

Agenda No.	Subject/Item	Discussion / Briefing	Resolution	Action Taken
		<ul style="list-style-type: none"> • Taking into consideration the advancements in the research areas / projects, the faculty members need to undergo advanced training in research methodology and other areas once in six months / year so as to create good research capacity building. • In order to pursue further research and commercialization of patents, the KAHER needs to formulate Data Sharing Policy. • The faculty members need to focus on mission mode projects by selecting particular group / area (infectious diseases, non-communicable diseases, nutrition, implementation research, translational research etc.) so that the benefit of the outcome of the research could reach the needy. • Non-communicable disease could be one of the Research thrust area that could be worked on. 	<p style="text-align: center;">--</p> <p style="text-align: center;">--</p> <p style="text-align: center;">--</p>	<p>The Director-UDEHP shall coordinate with RDC, KAHER to conduct the advanced training programs to for active researchers needed training in research.</p> <p>These points and thrust areas have been discussed in the internal meeting of RDC and the Committee 3 of RDC is working on these recommendations.</p>
		<p>Dr. Sadhana Joshi suggested that the faculty members and students need to be trained on 'scientific writing' skills, grant writing, etc. She also suggested that the institution needs to identify the thrust areas of research (Department-wise) and plan for research accordingly.</p>	<p style="text-align: center;">--</p>	<p>Noted. The UDEHP has been conducting workshops on 'Scientific Writing' for the benefit of the faculty members. The Director-Research shall finalize the workshops on 'Scientific / Grant Writing Skills' so as to facilitate UDEHP to conduct the workshops accordingly.</p>

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		<p>Dr. Nomita Chandhiok suggested that the thrust areas of research need to be identified and the outcome of the research need not be restricted only to publications but also lead to tangible outcome for research keeping in view the long-term objective. She also suggested to give importance on research in the areas of mental health, artificial intelligence, etc. apart from commercialization of the patents. She further suggested that the faculty members from the engineering and technological institutions / university may be involved for patent commercialization and also develop scientific and medical devices / instruments. She appreciated the initiatives taken by various institutions for collaborative research like Medicine and Integrative Medicine (Ayurveda), etc. She suggested that Artificial intelligence and mental health could be priority research areas. Impetus should be given for knowledge synthesis by undertaking Systematic Reviews.</p>	--	Noted and implemented.
		<p>The distinguished members Padma Shree Dr. Madan Godbole, Dr. Ramesh Paranjape, Dr.M.V.Jali and Dr. Suhas Kumar Shetty briefed the members as regards to the research facilities available and the research activities being carried out in their respective Hospital / Centres.</p>	--	Noted.

KLE ACADEMY OF HIGHER EDUCATION AND RESEARCH

ACTION TAKEN REPORT ON VARIOUS RESOLUTIONS OF THE RESEARCH ADVISORY COUNCIL OF THE RESEARCH AND DEVELOPMENT CELL HELD IN THE ACADEMIC COUNCIL HALL OF THE UNIVERSITY ON 10th FEBRUARY 2023

Agenda No.	Subject/Item	Discussion / Briefing	Resolution	Action Taken
		<p>Dr. V. A. Kothiwale, Registrar welcomed the distinguished members and informed that due to sudden inspection by NMC for renewal of recognition for UG and PG medical seats at J. N. Medical College, Belagavi on 9th February 2023, the meeting was rescheduled on 10th February 2023.</p>	--	Noted
<i>Item No.1:</i>	Welcome and Introductory Remarks	<p>Dr. S. S. Goudar, Director & Member Secretary, welcomed the distinguished members and thanked them for attending the meeting</p> <p>The Member-Secretary in his introductory remarks briefed the members with the following information:</p> <ul style="list-style-type: none"> • As per the guidelines of the UGC, the KAHER has constituted Research and Development Cell / Research Advisory Council and various Committees of Organization Structure of RDC under RAC by nominating members as per the guidelines of the UGC in September 2022. • The main objective of the RDC is to give comprehensive view for research portfolios within and outside the University. • The Committees have already started working by conducting internal meetings. However, the 	-	Regular meetings of all the committees of R & D cell are being conducted at IQAC.

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		<p>constitution of R and D Cell needs to be ratified by the Academic Council of KAHER and the Board of Management.</p> <ul style="list-style-type: none"> The outcome of the RDC based on the mandate given by UGC will be reported in the next meeting of the RDC. <p>Hon. Vice-Chancellor in his introductory remarks congratulated Dr. S. S. Goudar for his publication in New England Journal of Medicine entitled '<i>Azithromycin to Prevent Sepsis or Death in Women Planning a Vaginal Birth</i>' and also Dr. Punnya Angadi for getting financial grant from ICMR for the major research project entitled '<i>Development of Artificial Intelligence Algorithm for Digital Histopathology images of Oral Epithelial Dysplasia</i>'.</p> <p>Hon. Vice-Chancellor said that the Constitution of the Rand D Cell will be notified and will be further ratified in the Board of Management.</p> <p>Further, he instructed the Registrar to provide adequate working space for meetings as well as</p>		<p>The work progress will be presented in the 3rd meeting</p> <p>Noted</p> <p>The Constitution of the R & D Cell has been notified in the</p> <p>a) Academic council – Ref.No.KAHER/MF-02/23-24/D05052301 – 4th May 2023</p> <p>b) Board of Management - Ref.No.KAHER/MF-02/23-24/D-11052302 – 9th May 2023</p> <p>Work in progress</p>

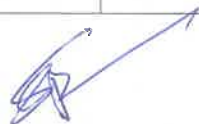
Agenda No.	Subject/Item	Discussion / Briefing	Resolution	Action Taken
		<p>day to day work and appropriate manpower for the R and D cell for effective functioning of the same. The Registrar said that the finance office area and some additional space will be made available for the R and D Cell.</p> <p>The Hon. Vice chancellor congratulated the Director-Research and the entire team of faculty for the active involvement towards research activities at KAHER. He also emphasized that the projections for research activities should not be confined only to particular area but it should be widened in other thrust areas where there is good scope for research and also explore research grant from other funding agencies. The faculty members / departments may also explore funding from DST and DBT who have invited applications for health science research and inter-disciplinary research projects. He also suggested that there is a need to simplify the procedure for availing financial grant for research activities.</p>		<p>KAHER is working to enhance the extra mural funding received for research. In view of this, all constituent units were directed to work on this aspect. there were several calls for application from various funding agencies like ICMR, DBT, VGST etc.. from the period from January to May 2023 which were widely circulated with all the constituent units. The report regarding the same</p>
<p>Item No. 2</p>	<p>Overview of the research activities of KAHER (Brief presentation of 3-5 minutes).</p>	<p>a) Reporting of Translation Research Dr. Padma Shree Dr. Madan Godbole, Advisor, RDC, KAHER and Distinguished Professor made presentation with regard to Translation Research. He presented various details including the status of research projects (completed and ongoing), Ph.D. students trained, two MoUs signed, status of Nutritional Lab, etc.</p>	<p>Resolved to take note of the same and identify those areas where there is good scope for research.</p>	<p>Report regarding the same will be presented by Dr. Madan Godbole in the next meeting</p>

		<p>b) Reporting of the work process and progress of KLE Dr. Prabhakar Kore BSRC.</p> <p>Dr. Ramesh Paranjape, Advisor, RDC, KAHER & Director I/c, BSRC made presentation with regard to the research activities carried by the faculty at various constituent units of KAHER in collaboration with BSRC. He informed that at present nine Scientists are working at BSRC. He requested for additional staff and support to carry out the research activities. He informed that the BSRC intends to take up new initiatives for research in the areas of cancer & cytogenetics, Pesticides, Microplastics Pb, Infectious diseases and microbiome and health, etc.</p>	<p>Resolved to take note of the same. While taking note of the same, Hon. Vice-Chancellor informed that the required financial grant will be considered for deserving research projects particularly for inter-disciplinary health science and also for purchase of equipment. However, it was emphasized that additional augmentation of the lab facilities and research should be tried through extramural grants from various agencies.</p>	<p>Work Progress regarding application to various extramural agencies will be presented by Dr. Ramesh Paranjape in the next meeting</p>
		<p>c) Reporting of the work progress related to APJ Abdul Kalam Incubation Centre.</p> <p>Dr. Anil Koralli, Convener, Committee-4 - Product Development, Monitoring and Commercialization, KAHER made presentation with regard to the work progress related to APJ</p>	<p>Resolved to take note of the same.</p>	<p>Noted</p>

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		<p>Abdul Kalam AYURTECH Incubation Centre established on 3rd August, 2017. He also made presentation with regard to Startups incubated, multi-disciplinary projects being undertaken, Patents filed, Commercialization and Technology Transfer, starting of Online course on Ayurtechnology, proposals sent to various funding agencies, etc.</p> <p>d) Reporting of the work progress and progress of Site Management Office (SMO) and KAHER Ethics Committee. Dr. M. S. Ganachari, Advisor, RDC, KAHER and Member-Secretary, SMO made presentation with regard to the functioning and services of Site Management Office, Clinical Trial Activities, Institutional Ethics Committee of KAHER, Clinical Trial Status, NABH & FERCAP Accreditation, Income generated from the Ethics Committee, Research Pharmacy and Registrations. In the year 2022, a total of 40 trials were submitted for IEC and all have been approved. Further, it was seen that from 2016-21, a total of 157 trials have been registered in SMO with maximum 44 in Oncology, 35 in General medicine, 18 in Pediatric Department and 18 In ENT so on.</p> <p>e) Operative framework regarding JNMC Women's and Children's Health Research Unit and updating regarding KEL-TJU</p>	<p>Resolved to take note of the same. While taking note of the same, Hon. Vice-Chancellor suggested publishing the research articles based on the outcome of the Clinical Research and Trials as they have potential to get published in high impact journals.</p> <p>Resolved to take note of the same.</p>	<p>Noted</p>

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		<p>(Thomas Jefferson University) Collaboration.</p> <p>Dr. S. S. Goudar, Director-Research, made presentation as regards to priority areas in research, operative frame work regarding woman and child health which is funded by NIH and recognized by ICMR and WHO also presented various projects / research work collaborated between faculties of respective constituent Units of KAHER and KLE-TJU. He also made presentation on various aspects relating to summary of financial grant received from 2001-2023, collaborating institutions within and outside the country, infrastructure and human resource, etc. There have been 37 protocols completed out of which 10 protocols were initiated by JNMC Investigators. A total of 51 national and International collaborations have been established for research. Around 222 publications have been published in High Impact journals with 66 of them having JNMC Investigators as first/second authors. A total of 168.38 crores grant has been generated for all the Research activities. Dr S.S.Goudar also elaborated that there are 13 ongoing projects currently and 3 are upcoming.</p>		Noted
<i>Item No. 3</i>	Briefing regarding the Research and Development	Dr. Sunil S.Jalalpure, Deputy Director, RDC, KAHER made presentation regarding the composition of Research and Development Cell, roles and activities of Research and Development	Resolved to take note of the same.	Noted

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	Cell, roles and activities of Research and Development Cell	Cell. He informed that the main objective of constituting the aforesaid Cell is to create structured organization within the University to manage the overall operations of R&D Cell, to monitor the functions of the R&D Cell and to identify the specific research thrust area of the University. The R&D Cell will work under the guidance of Research Advisory Council and in co-ordination with other five Committees which have Conveners under whom six to eight members will be functioning.		
Item No. 4	Progress of work related to individual committees of R&D Cell	<p>The Conveners of the respective Committees made presentation with regard to their individual Committees:</p> <ol style="list-style-type: none"> 1. Dr. Rajesh S.Powar, Convener, Committee-1 (Finance and Infrastructure) 2. Dr. Madhav Prabhu, Convener, Committee-2 (Research Program and Policy Development) 3. Dr. Girija Mahantashetti, Convener, Committee-3 (Collaboration and Community) 4. Dr. Anil Koralli, Convener, Committee-4 (Product Development, Monitoring and Commercialization) 5. Dr. Shivayogi Hugar, Convener, Committee-5 (IPR, Legal and Ethical Matters) 	Resolved to take note of the same. While taking note of the same, the Conveners were advised to make presentation in the next meeting with focused points. The committee's final recommendations with regards to financial grant for research and IPR activities will be reviewed and notified to all constituent units.	The work progress of each committee will be presented in the next meeting. Notification related to <ol style="list-style-type: none"> a) financial grants – Ref.No.KAHER/22-23D 210022314 – 21-02-2023 b) IPR activity – Ref.No.KAHER/22-23D 24022306 – 22-02-2023 c) Innovative schemes - Ref.No.KAHER/23-24D 19052301 – 18-05-2023 have been sent to all constituent units.



Ref. No.KAHER/23-24/D- 03062307

29th May 2023

MEETING NOTICE

I am directed to convene the meeting of the **Research Advisory Council for Research and Development Cell** of the KLE Academy of Higher Education and Research (KAHER), Deemed-to-be-University, Belagavi on **Thursday, the 20th June 2023 at 11.00 AM** in the **Academic Council Hall** of the **KAHER, Belagavi**.

The Agenda for the aforesaid meeting is as follows:

- 1) Welcome and Introductory Remarks
 - **By Dr. S. S. Goudar, Director & Member-Secretary, RDC, KAHER.**
- 2) Update regarding the work done related to KAHER research grants
 - **Presentation by Dr. Punnya Angadi, Deputy Director, RDC, KAHER.**
- 3) Introduction and Discussion regarding new research grant scheme of up to 20 lakhs
 - **Presentation by Dr. Sunil Jalalpure, Deputy Director, RDC, KAHER.**
- 4) Progress of work related to individual committees of R&D Cell (Presentation only 3-4 minutes)
 - **Presentation by**
 - a) Dr. Rajesh S.Powar, Convener, Committee-1 (Finance and Infrastructure)
 - b) Dr. Madhav Prabhu, Convener, Committee-2 (Research Program and Policy Development)
 - c) Dr. Girija Mahantashetti, Convener, Committee-3 (Collaboration and Community)
 - d) Dr. Anil Koralli, Convener, Committee-4 (Product Development, Monitoring and Commercialization)
 - e) Dr. Shivayogi Hugar, Convener, Committee-5 (IPR, Legal and Ethical Matters)
- 5) Reporting of the work progress related to KAHER Research Centres
 - **Presentation by**
 - a) Translation Research - Dr. Padma Shree Dr. Madan Godbole, Advisor, RDC, KAHER
 - b) KLE Dr. Prabhakar Kore BSRC - Dr. Ramesh Paranjape, Advisor, RDC, KAHER & Director I/c, BSRC

- c) APJ Abdul Kalam Incubation Centre - Dr. Anil Koralli, Convener, KLE BMK Ayurveda Mahavidyalaya
- d) Site Management Office (SMO) and KAHER Ethics Committee - Dr. M. S. Ganachari, Member-Secretary of SMO & Advisor, RDC, KAHER and Deputy Registrar, KAHER
- e) JNMC Women's and Children's Health Research Unit - Dr. S. S. Goudar, Director, RDC, KAHER.
- 6) Any other matter with the permission of the Chair.

The meeting will be chaired by **Hon. Vice-Chancellor.**

Kindly make it convenient to attend the meeting.



Dr. V. A. Kothiwale
Registrar

To

The Members – Research Advisory Council of Research and Development Cell, KAHER, Belagavi.

Invitees: - The Conveners - Committees of the Organization Structure of the RDC, KAHER, Belagavi
- Dr. Seema Hallikerimath, Director-IQAC, KAHER, Belagavi
- Dr. Manjunath Somannavar, Research Coordinator, JNMC - R U, Belagavi

CC to:

1. The Special Officer to Hon. Vice-Chancellor, KAHER, Belagavi.
2. The Finance Officer, KAHER, Belagavi.

Ref. No. KAHER/22-23/D- 23032319

19th March 2023

To

Confidential

The Members,
Research and Development Cell / Research Advisory Council,
KLE Academy of Higher Education and Research,
Deemed-to-be-University,
Belagavi.

Dear Sir / Madam,

**Sub: Minutes of the Research and Development Cell /
Research Advisory Council, KAHER,
Deemed-to-be-University, Belagavi.**

Kindly find enclosed the minutes of the **Research and Development Cell / Research Advisory Council of KAHER, Deemed-to-be-University, Belagavi** held on **10th February 2023**.

We request you to kindly go through the same and inform the undersigned regarding modifications/corrections, if any, to be made in the same, within two weeks from the date of this letter. If no communication is received from your end, it will be presumed that you have approved the same.

The Deputy Directors, RDC/RAC are hereby informed to take appropriate compliance actions in consultation with the Director-Research & Member-Secretary of RDC/RAC. The draft communications in the form of Orders / Circulars be prepared and submitted to the undersigned.

Thanking you,

With kind regards,



Yours faithfully,



Dr. V.A.KOTHIWALE
Registrar

Encl: As above.

- CC to:
1. The PA to Hon. Chancellor, KAHER, Belagavi.
 2. The Special Officer to Hon. Vice-Chancellor, KAHER, Belagavi
 3. The Finance Officer, KAHER, Belagavi.

**PROCEEDINGS OF THE MEETING OF THE RESEARCH AND DEVELOPMENT CELL / RESEARCH
ADVISORY COUNCIL HELD IN THE ACADEMIC COUNCIL HALL OF KAHER ON 10-02-2023**

MEMBERS PRESENT:

(As per the Attendance Sheet)

Dr. V.A.Kothiwale, Registrar welcomed the distinguished members and informed that due to sudden inspection by NMC for renewal of recognition for UG and PG medical seats at J.N.Medical College, Belagavi on 9th February 2023, the meeting was rescheduled on 10th February 2023.

The Agenda was taken up for further discussion and consideration:

Item No.1: Welcome and Introductory Remarks

Dr. S. S. Goudar, Director & Member Secretary, welcomed the distinguished members and thanked them for attending the meeting.

The Member-Secretary in his introductory remarks briefed the members with the following information:

- As per the guidelines of the UGC, the KAHER has constituted Research and Development Cell / Research Advisory Council and various Committees of Organization Structure of RDC under RAC by nominating members as per the guidelines of the UGC in September 2022.
- The main objective of the RDC is to give comprehensive view for research portfolios within and outside the University.
- The Committees have already started working by conducting internal meetings. However, the constitution of R and D Cell needs to be ratified by the Academic Council of KAHER and the Board of Management.
- The outcome of the RDC based on the mandate given by UGC will be reported in the next meeting of the RDC.

Hon. Vice-Chancellor in his introductory remarks congratulated Dr. S.S.Goudar for his publication in New England Journal of Medicine entitled '*Azithromycin to Prevent Sepsis or Death in Women Planning a Vaginal Birth*' and also Dr. Punnya Angadi for getting financial grant from ICMR for the major research project entitled '*Development of Artificial Intelligence Algorithm for Digital Histopathology images of Oral Epithelial Dysplasia*'.

Hon. Vice-Chancellor said that the Constitution of the R and D Cell will be notified and will be further ratified in the Board of Management. Further, he instructed the Registrar to provide adequate working space for meetings as well as day to day work and appropriate manpower for the R and D cell for effective functioning of the same. The Registrar said that the finance office area and some additional space will be made available for the R and D Cell. The Hon. Vice chancellor congratulated the Director-Research and the entire team of faculty for the active involvement towards research activities at KAHER. He also emphasized that the projections for research activities should not be confined only to particular area but it should be widened in other thrust areas where there is good scope for research and also explore research grant from other funding agencies. The faculty members / departments may also explore funding from DST and DBT who have invited applications for health science research and inter-disciplinary research projects. He also suggested that there is a need to simplify the procedure for availing financial grant for research activities.

Item No. 2 Overview of the research activities of KAHER (Brief presentation of 3-5 minutes).

a) Reporting of Translation Research

Dr. Madan Godbole, Research Advisor, RDC, KAHER and Distinguished Professor made presentation with regard to Translation Research. He presented various details including the status of research projects (completed and ongoing), Ph.D. students trained, two MoUs signed, status of Food and Micronutrient Analysis Lab (FMNAL) etc.

Resolution:

Resolved to take note of the same and identify those areas where there is good scope for research.

b) Reporting of the work process and progress of KLE Dr. Prabhakar Kore BSRC.

Dr. Ramesh Paranjape, Advisor, RDC, KAHER & Director I/c, BSRC made presentation with regard to the research activities carried by the faculty at various constituent units of KAHER in collaboration with BSRC. He informed that at present nine Scientists are working at BSRC. He requested for additional staff and support to carry out the research activities. He informed that the BSRC intends to take up new initiatives for research in the areas of cancer & cytogenetics, Pesticides, Microplastics Pb, Infectious diseases and microbiome and health, etc.

Resolution:

Resolved to take note of the same. While taking note of the same, Hon. Vice-Chancellor informed that the required financial grant will be considered for deserving research projects particularly for inter-disciplinary health science and also for purchase of equipment. However, it was emphasized that additional augmentation of the lab facilities and research should be tried through extramural grants from various agencies.

c) Reporting of the work progress related to APJ Abdul Kalam Incubation Centre.

Dr. Anil Koralli, Convener, Committee-4 - Product Development, Monitoring and Commercialization, KAHER made presentation with regard to the work progress related to APJ Abdul Kalam AYURTECH Incubation Centre established on 3rd August, 2017. He also made presentation with regard to Startups incubated, multi-disciplinary projects being undertaken, Patents filed, Commercialization and Technology Transfer, starting of Online course on Ayurtechnology, proposals sent to various funding agencies, etc.

Resolution:

Resolved to take note of the same.

d) Reporting of the work progress and progress of Site Management Office (SMO) and KAHER Ethics Committee.

Dr. M. S. Ganachari, Advisor, RDC, KAHER and Member-Secretary, SMO made presentation with regard to the functioning and services of Site Management Office, Clinical Trial Activities, Institutional Ethics Committee of KAHER, Clinical Trial Status, NABH & FERCAP Accreditation, Income generated from the Ethics Committee, Research Pharmacy and Registrations. In the year 2022, a total of 40 trials were submitted for IEC and all have been approved. Further, it was seen that from 2016-21, a total of 157 trials have been registered in SMO with maximum 44 in Oncology, 35 in General medicine, 18 in Pediatric Department and 18 In ENT so on.

Resolution:

Resolved to take note of the same. While taking note of the same, Hon. Vice-Chancellor suggested publishing the research articles based on the outcome of the Clinical Research and Trials as they have potential to get published in high impact journals.

e) Operative framework regarding JNMC Women's and Children's Health Research Unit and updating regarding KEL-TJU (Thomas Jefferson University) Collaboration.

Dr. S. S. Goudar, Director-Research, made presentation as regards to priority areas in research, operative frame work regarding woman and child health which is funded by NIH and recognized by ICMR and WHO also presented various projects / research work collaborated between faculties of respective constituent Units of KAHER and KLE-TJU. He also made presentation on various aspects relating to summary of financial grant received from 2001-2023, collaborating institutions within and outside the country, infrastructure and human resource, etc. There have been 37 protocols completed out of which 10 protocols were initiated by JNMC Investigators. A total of 51 national and International collaborations have been established for research. Around 222 publications have been published in High Impact journals with 66 of them having JNMC Investigators as first/second authors. A total of 168.38 crores grant has been generated for all the Research activities. Dr S.S.Goudar also elaborated that there are 13 ongoing projects currently and 3 are upcoming.

Resolution:

Resolved to take note of the same.

Item No. 3 Briefing regarding the Research and Development Cell, roles and activities of Research and Development Cell

Dr. Sunil S.Jalalpure, Deputy Director, RDC, KAHER made presentation regarding the composition of Research and Development Cell, roles and activities of Research and Development Cell. He informed that the main objective of constituting the aforesaid Cell is to create structured organization within the University to manage the overall operations of R&D Cell, to monitor the functions of the R&D Cell and to identify the specific research thrust area of the University. The R&D Cell will work under the guidance of Research Advisory Council and in co-ordination with other five Committees which have Conveners under whom six to eight members will be functioning.

Resolution:

Resolved to take note of the same.

Item No. 4

Progress of work related to individual committees of R&D Cell

The Conveners of the respective Committees made presentation with regard to their individual Committees:

1. Dr. Rajesh S.Powar, Convener, Committee-1 (Finance and Infrastructure)
2. Dr. Madhav Prabhu, Convener, Committee-2 (Research Program and Policy Development)
3. Dr. Girija Mahantashetti, Convener, Committee-3 (Collaboration and Community)
4. Dr. Anil Koralli, Convener, Committee-4 (Product Development, Monitoring and Commercialization)
5. Dr. Shivayogi Hugar, Convener, Committee-5 (IPR, Legal and Ethical Matters)

Resolution:

Resolved to take note of the same. While taking note of the same, the Conveners were advised to make presentation in the next meeting with focused points. The committee's final recommendations with regards to financial grant for research and IPR activities will be reviewed and notified to all constituent units.

As there was no other agenda, the meeting ended with vote of thanks to the Chair.



DIRECTOR- RESEARCH



REGISTRAR



VICE-CHANCELLOR

Ref. No. KAHER/ /23-24/D- 21042301

20th July 2023

To

The Members,
Research Advisory Council for Research and Development Cell
KLE Academy of Higher Education and Research,
Deemed-to-be-University,
Belagavi.

Dear Sir/Madam,

Sub : Minutes of the meeting of the **Research Advisory Council for Research and Development Cell** of the KAHER, Deemed-to-be-University, Belagavi held on **20th June 2023.**

Kindly find enclosed the minutes of the meeting of the **Research Advisory Council for Research and Development Cell** of the KLE Academy of Higher Education and Research (KAHER), Deemed-to-be-University, Belagavi held on **20th June 2023.**

We request you to kindly go through the same and inform the undersigned regarding modifications/corrections, if any, to be made in the same, within two weeks from the date of this letter. If no communication is received from your end, it will be presumed that you have approved the same.

The Deputy Directors, RAC / RDC are hereby informed to take appropriate compliance actions in consultation with the Director-Research & Member-Secretary of RDC/RAC. The draft communications in the form of Orders /Circulars be prepared and submitted to the undersigned.

Thanking you,

With kind regards,



Yours faithfully,


Prof. Dr. V. A Kothiwale
Registrar

Encl: As above.

CC to: 1. The PA to Hon. Chancellor, KAHER, Belagavi.
2. The Special Officer to Hon. Vice-Chancellor, KAHER, Belagavi.
3. The Finance Officer, KAHER, Belagavi.

**PROCEEDINGS OF THE MEETING OF THE RESEARCH AND DEVELOPMENT CELL / RESEARCH
ADVISORY COUNCIL HELD IN THE ACADEMIC COUNCIL HALL OF KAHER ON 20-06-2023**

MEMBERS PRESENT:

(As per the Attendance Sheet)

Dr. V.A.Kothiwale, Registrar welcomed the members and informed that Prof. Rabinarayan Acharya and Dr. Sanjay Mehendale will join the meeting On-line. He requested Hon. Vice-Chancellor to chair the meeting.

Hon. Vice-Chancellor welcomed the distinguished members and introduced the two newly inducted external members viz. Dr. Prashant Mathur, Director, National Centre for Disease Informatics & Research (ICMR), Bengaluru and Dr. Pooja Sharma, Director & Head, Medanta Institute of Education and Research, Founder CEO APAR Health, Gurgaon, Haryana. He expressed gratitude to all the members who joined the meeting.

Hon. Vice-Chancellor in his introductory remarks briefed the members with the following information:

- The KAHER has three independent research units where the research initiatives of KAHER are conducted other than the individual research taken up by the faculty members –
 - a) The Women's and Children's Health Research Unit of JNMC led by Dr. S.S. Goudar has been doing commendable job in research and publications which is well recognized not only nationally but also globally.
 - b) The Clinical Research and Trial Unit is functioning well with many clinical trials / research studies specially in the field of Oncology and Cardiology. He requested Dr. Pooja Sharma to associate with KAHER's Clinical Research and Trial Unit in future so that more initiatives on research can be undertaken.
 - c) The KAHER's Dr. Prabhakar Kore Basic Science Research Center (BSRC) has three Labs engaged in basic research with state-of-art facilities for staff and research scholars and also equipped with the latest modern facilities and equipment's. He informed that though the KAHER has excellent facilities for research, the same is not optimally utilized by the faculty and students and hence suggested the distinguished external members to give their valuable inputs / suggestions to increase the research output.

The Agenda was taken up for further discussion and consideration:

Item No.1: Welcome and Introductory Remarks

Dr. S. S. Goudar, Director & Member Secretary, welcomed the distinguished and new members and thanked them for attending the meeting including two members who joined the meeting On-line.

He informed that as per the mandate of the UGC, the KAHER has constituted Research Advisory Council / Research and Development Cell and various Committees of Organization Structure of RDC under RAC by nominating members as per the guidelines of the UGC last year. He informed that the KAHER convened two meetings of the aforesaid Committees wherein detailed discussions were held and sought suggestions from the distinguished members on how to go forward for further accomplishments of research activities undertaken for the last eight months. He also informed that the KAHER conducts the meetings of the aforesaid Committees once in 6 months wherein the activities are reviewed and monitored so as to meet the objectives of the same. He requested the distinguished external members for their valuable inputs as they are well known for their contribution in the field of research in research-oriented institutions and also recognized nationally and globally. He also informed that the KAHER has been making substantial provision for research activities including research projects, incentives for publications, presentation of scientific papers in at state / national and international level, etc. However, in spite of providing all the facilities and incentives, the utilization of grant and facilities needs to be increased. Hence, we seek valuable suggestions / inputs from the distinguished members as to how the KAHER should develop research portfolio in the coming years.

Dr. Punnya Angadi, Deputy Director, RDC briefed the members about the actions initiated based on various decisions taken in the previous meeting of the RDC held on 10-02-2023. She also informed that the five Committees constituted under RDC are functioning as per the directions of Research and Development Cell. The KAHER has made provision for various financial grants / awards and scheme of seed money to faculty members.

Item No. 2 Updating regarding the work done related to KAHER research grants.

Dr. Punnya Angadi, Deputy Director, RDC made presentation with regard to work done related to KAHER research grants. She informed that subsequent to conduct of previous RDC meeting, the KAHER has issued a notification inviting applications for grant of research grants upto 1.00 lakh for the faculty members. She also informed that the KAHER depending

upon the merits of the projects, will consider financial grant beyond the approved limits i.e. more than Rs. 1.00 lakh upto Rs.5.00 lakhs.

She informed that the guidelines and the application format in this regard have been uploaded on the website of KAHER to facilitate the faculty and students to download and submit the duly filled application in the prescribed format to consider and process the same. She elaborated on the mechanism of review of the applications and she said that since February, 2 cycles of grants have been disbursed. She briefed the members the status of applications received from the constituent units as under:

- First cycle started from January - March 2023
 - Received 49 applications with highest number of applications from KLE Shri BMK Ayurveda Mahavidyalaya - 33.
- Second cycle started from April - June 2023
 - Received 51 applications with highest number of applications from KLE College of Pharmacy, Hubballi – 25.

She briefed the members about the constitution of Review Committee in which internal members of the RDC along-with one subject expert have been nominated. A format in this regard is prepared to ensure uniformity in the review process. She briefed the members about the process involved for scrutinizing and finalizing the applications for financial grant. She also informed that 37 applications have been finalized - received from January to March 2023 and 35 applications - received from April to June 2023. She also informed that the RDC has instructed to constitute Research Monitoring Committee at College level under the Chairmanship of the concerned Principal where the research activities are monitored and supervised to ensure that the beneficiaries comply with the terms and conditions. The Research Monitoring Committee has been advised to conduct regular meetings and submit review reports to the RDC on half-yearly basis. The principals have been advised to ensure that the beneficiaries will submit Utilization Certificate within the stipulated time.

Further, she informed that Rs.3564000 has been disbursed for faculty grants from January to March Cycle and Rs.4690500 has been disbursed for April to June cycle, thus in the last 6 months around Rs. 8054500 has been given for Faculty Grants as seed money by KAHER

She informed that in order to facilitate the faculty and students to avail financial grant from other external funding agencies, the RDC has circulated copies of the notifications inviting applications for financial grant to apply for the same. She also informed that 87 applications have been sent for availing extra-mural grants from various agencies like ICMR, VGST, CSIR etc.

She also informed that circular regarding call for application for the Undergraduate and postgraduate research grants as well as Annual Research Awards have been announced with the last date being June 2023.

While taking note of the same, the distinguished member Dr. Sanjay Mehendale suggested to make presentation of the financial grant received from extramural agencies and utilized in the next meeting. He also suggested that apart from internal review / monitor mechanism, the KAHER also needs to have external review / monitor mechanism. Hon. Vice Chancellor said that , if the data is available at that point of time, then it can be presented in the next meeting.

Hon. Vice-Chancellor informed that the number of research publications has come down drastically for the last few years, though we have 750 faculty members working in various constituent units. In order to motivate and encourage the faculty members to inculcate the research culture, the KAHER has taken some initiatives to increase the research activities like grant of financial assistance to faculty members in the form seed money @ Rs.1.00 lakh per faculty / departments / UG&PG students, etc. He also informed that in case there is any undue delay or rejection of applications for financial grant by external funding agencies, the KAHER will consider such applications for funding at University level. Hon. Vice-Chancellor informed that the seed money of Rs.1.00 lakh is mainly meant for procurement of chemicals, consumables, etc. However, in case of multi-disciplinary, multi-institutional and multi-centric research projects involving different types of investigations, the KAHER will consider extending financial grant upto Rs.5.00 lakhs.

The distinguished member Dr.Subarna Roy suggested that based on the output of the research leading to publication, the KAHER may encourage and prioritize considering larger grant for such research projects. He also suggested that instead of encouraging multi-centric / multi-institutional research projects, the KAHER may consider extending financial grant to a group of single faculty involving 4-5 faculty members together so that tangible research outcome / output can be generated.

Dr. Madan Godbole suggested to have brain storming sessions involving the researchers so that strategies can be worked out for effective utilization of the research grant.

Dr. S.S.Goudar informed that the KAHER has a number of schemes for research activities and the same needs to be utilized by the faculty and students. The faculty and students are also being trained on research methodology, grant writing, etc.

Dr. V.A.Kothiwale informed that the KAHER intends to nurture research culture among the faculty and students by introducing various schemes and they need to come forward to avail financial grant to take up the research projects / activities.

Hon. Vice-Chancellor informed that the intra-mural funding research is not considered for NIRF ranking and it considers only extra-mural funding, hence the faculty and students need to apply for extra-mural funding. However, in case the funding is rejected from external funding agencies, the KAHER will consider such projects for funding, based on the merits of the research project.

Dr. Pooja Sharma suggested to conduct handholding research training for the benefit of the faculty members so as improve their data-base, information, knowledge, skills for active involvement in the research activities which will result in quality publication, clinical trials, etc.

Resolution:

Resolved to take note of the same and continue encouraging the faculty to avail these grants to enhance the research outputs.

Item No. 3 Introduction and Discussion regarding new research grant scheme of upto Rs. 20 lakhs

Dr. Sunil S. Jalalpure, Deputy Director, RDC made presentation with regard to new research grant scheme of upto Rs. 20 lakhs (KAHER BIG PROJECT). He briefed the members regarding rules and regulations for the grant of Rs. 20 lakhs.

Dr. Pooja Sharma suggested that this big grant should provide for Personnel in the form of interns in the clinical research unit or JRF and SRF could be employed by the university. She also mentioned that, publication fees should be provided for the staff to enable publication in high impact journals. Dr. Goudar clarified that publication fees will not be part of this scheme and mentioned that, there is a separate scheme for this, where the quantum of publication fees will be given based on the impact factor of the journal. Further, she also mentioned that the timeline for the project of 3 years should not be very rigid.

Dr. Rabinarayan Acharya suggested to provide budgetary provision for intra-institutional collaborative research projects as well as works and involving younger faculty members. It is better to fix the percentage of projects that will be collaborative / interdisciplinary and also provide funds to other projects too.

Dr. Sanjay Mehendale suggested that the faculty members who have built strong research base, may be encouraged to apply for external funding instead of depending on funding from KAHER. The funding from KAHER is mainly meant for younger generation faculty members. He said that there should be a strategy or direction for the funds being provided and suggested that it is important to nurture ideas which will deliver great results.

Dr. Prashant Mathur suggested the following:

- The KAHER needs to prepare road map for research, work out concrete plans and strategies for achieving specific results, etc. so that it will help for better accreditation / ranking process.
- The KAHER needs to identify potential group of researchers who can fully involve for research and give maximum output in terms of publications, patents, etc. instead of insisting on all the faculty members to take up research.
- The KAHER needs to cultivate the habit of nurturing ideas, do not consider only funding the projects, much emphasis needs to be given for promoting research rather than being restrictive, it is the caliber which is funded and as an independent university, the KAHER may provide faculty allocation time so that such faculty can involve and engage in research activities by reducing the teaching and clinical workload.
- The KAHER needs to Strengthen the Research Cell with necessary administrative staff who can handle the administrative, finance and other assignments of the research projects right from funding till completion of the project on behalf of the Principal Investigators.
- The KAHER may involve young faculty members to associate with the research projects and avoid funding as research ideas will come only through discussion and interaction.
- The KAHER may take feed-back from interested faculty, the faculty may start with pilot / feasibility studies, secondary data analysis, organize brain storming sessions, etc. so that big ideas will come out and consider funding those ideas / projects. If the ideas are good and encouraging, start funding with small grants and thereafter consider funding big projects with extra-mural grants.
- The researcher should be provided protected time for research to get better research outputs.

Dr. Nomita Chandhiok suggested to nurture the young faculty members for undertaking research activities who will be the leaders of the tomorrow. This scheme would be apt to encourage the faculty members who have developed projects that have not been able to generate the exramural grants.

Resolution:

Resolved to take note of the same and come up with a concrete plan for implementation of this scheme.

Item No. 4 Progress of work related to individual committees of R & D Cell (Presentation only 3-4 minutes)

The Conveners of the respective Committees made presentation with regard to their individual Committees:

- a) Dr. Rajesh S. Powar, Convener – Finance and Infrastructure (Committee -1)
Presented the Amount disbursed from January to June 2023 for faculty research grants. He also briefed regarding the online portal that is being established by KAHER for ease of application and disbursement of the all the grants and incentives provided by KAHER. He said that tentatively , it will be ready by July- August 2023. Further, he briefed regarding setting up the Office of the R and D Cell in 2nd Floor of the University premises in place of the Finance office and said that this work is in progress.
- b) Dr. Madhav Prabhu, Convener – Research Program and Policy Development (Committee -2) presented the particulars of the seed money policy established by KAHER and mentioned the details regarding the same. He said that the existing research policy needs to be modified to add the composition, vision, mission and objectives of the R and D Cell. He further, said that their committee recommends that the UG grants should be enhanced from existing Rs.10000 to Rs. 15000 and the PG Grants from Rs. 25000 to Rs. 30000. The committee also suggested that there should not be a limit on the number of students receiving the grant but should be based on the merit of the project.
- c) Dr. Umesh Charanthimath made presentation on behalf of Girija Mahantashetti, Convener – Collaboration and Community (Committee -3). He said that the committee will facilitate development of new MOU's and they have developed the SOP for the same. Further, the committee will be maintaining a directory of collaborations in the website and monitor the existing MOU.
- d) Dr. Shankar Alaegon made presentation on behalf of Anil Koralli, Convener – Product Development, Monitoring and Commercialization (Committee -4). He said that the committee will facilitate product development and commercialization and they have developed the SOP for the same. The committee is also managing the KAHER's Institutional Innovation Council and have uploaded the Quarter 2 activities. Further, the committee is working on registering the incubation center for KAHER.
- e) Dr. Shivayogi Hugar, Convener – IPR, Legal and Ethical Matters (Committee -5) said that their committee is facilitating KAHER's IPR activities i.e patents, copyrights and design patents.

Dr. Pooja Sharma said that the entrepreneurship mindset should be enhanced and said that BIRAC gives several grants for innovations.

Dr Prashant Mathur said that the Committee 5 need to also look in the ethical and legal matters and asked to enhance the measures being taken to maintain the research integrity.

Dr Rabinarayan Acharya suggested that there should be a MOU coordinator / Collaborations Incharge for KAHER , who will be responsible for development of MOU and can be primary contact, if any institute would want to establish MOU. He also said that the new CSIR guidelines regarding publications is good guideline that can be incorporated for the quality management of publications.

Dr Sanjay Mahendale said that the community aspect of the Committee 3 was not reflected and needs to be made strong by taking up some community outreach projects of national importance.

Resolution:

Resolved to take note of the same and work on the recommendations of the distinguished members.

Item No. 5 Reporting of the work progress related to KAHER Research Centers

a) Reporting of Translation Research

Dr. Padma Shree Dr. Madan Godbole, Advisor, RDC, KAHER and Distinguished Professor presented the details with regard to Translation Research. He presented various details including the status of research projects (completed and ongoing), Ph.D. students trained, two MoUs signed, status of establishment of Food and Micronutrient Analysis Lab (FMNAL) etc.

b) Reporting of the work progress of KLE Dr. Prabhakar Kore Basic Science Research Center (BSRC).

Dr. Bhushan on behalf of Dr. Ramesh Paranjape, Advisor, RDC, KAHER & Director I/c, BSRC made presentation with regard to the research activities carried by the faculty at various constituent units of KAHER in collaboration with BSRC.

Dr Sadhana Joshi said that BSRC need to carve out some focused areas of research and build up their profile on those aspects.

c) Reporting of the work progress related to APJ Abdul Kalam Incubation Centre.

Dr. Suhas Kumar Shetty, Principal – KLE Shri. BMK Ayurveda Mahavidyalaya on behalf of Dr. Anil Koralli, Convener, (Committee-4 - Product Development, Monitoring and Commercialization, KAHER) made presentation with regard to the work progress related to

APJ Abdul Kalam AYURTECH Incubation Centre established on 3rd August, 2017. He also briefed with regard to Start-ups incubated, research activities viz., Fumigation Robot and Skin disease detection by image processing (AI & ML), Orientation and Guest Lecture as part of Incubation Activities, Engineering Project Review at Jain College of Engineering, Belagavi, MoU / Collaboration for Technology Development, Patent / Proposal submitted etc. He also said that the incubation center is now being shifted to a 2000sqft area with better facilities.

d) Reporting of the work progress of Site Management Office (SMO) and KAHER Ethics Committee.

Dr. M. S. Ganachari, Advisor, RDC, KAHER and Member-Secretary, SMO made presentation with regard to the functioning and services of Site Management Office, Clinical Trial Activities, Institutional Ethics Committee of KAHER, Clinical Trial Status, NABH & FERCAP, DHR, CDSCO Accreditations, Income generated from the Ethics Committee, Administrative Management and Facilities and Student Learning Resources etc.

e) JNMC Women's and Children's Health Research Unit

Dr. S. S. Goudar, Director-Research, made presentation as regards to JNMC Women's and Children's Health Research Unit and elaborated on the numerous ongoing research projects and grants received from various international agencies for the year 2023. The external members appreciated the immense work being done by the Research Unit and said that this model needs to be replicated in other areas in KLE and create a strong network of researchers.

Resolution:

Resolved to take note of the same.

As there was no other agenda, the meeting ended with vote of thanks to the Chair.



DIRECTOR- RESEARCH



REGISTRAR



VICE-CHANCELLOR

Ref. No. KAHER/22-23/D- 02112216

2nd November 2022

MEETING NOTICE

I am directed to convene the meeting of **Research Advisory Council / Research Coordination Committee** of the KLE Academy of Higher Education and Research (KAHER), Deemed-to-be-University, Belagavi on **Thursday, the 10th November 2022** at **3.00 PM** in the **Academic Council Hall** of the KAHER, Belagavi.

The Agenda for the aforesaid meeting is as follows:

- 1) Welcome and Introductory Remarks
- **By Dr. S. S. Goudar, Director & Member-Secretary, RDC, KAHER.**
- 2) Briefing regarding the newly constituted Research and Development Cell as per the UGC Guidelines
- **Presentation by Dr. Sunil S. Jalalpure, Deputy Director, RDC, KAHER.**
- 3) Consideration of defining Vision, Mission and Objectives of Research and Development Cell of KAHER
- **Presentation by Dr. Punnya V. Angadi, Deputy Director, RDC, KAHER.**
- 4) Discussion regarding priority Research areas
- **Dr. S. S. Goudar, Director-Research, RDC, KAHER**
- 5) Consideration of strategies to be worked out for effective utilization of the budgets for research activities / projects
- **Presentation by Dr. M. S. Ganachari, Deputy Registrar**
- 6) Any other matter with the permission of chair.

The meeting will be chaired by **Hon. Vice-Chancellor Madam.**
Kindly make it convenient to attend the meeting.




Dr. V. A. Kothiwale
Registrar

To

- The Members, RDC, RAC & URCC, KAHER, Belagavi.
- The Conveners, Committees of the Organization Structure of the RDC, KAHER, Belagavi.
- Dr. Seema Hallikerimath, Director-IQAC, KAHER, Belagavi.

CC to:

1. The PA to Hon. Chancellor, KAHER, Belagavi.
2. The Special Officer to Hon. Vice-Chancellor, KAHER, Belagavi.
3. The Finance Officer, KAHER, Belagavi.

Ref. No. KAHER/22-23/D- 30112201

29th November 2022

To

Confidential

The Members,
Research and Development Cell / Research Advisory Council,
KLE Academy of Higher Education and Research,
Deemed-to-be-University,
Belagavi.

Dear Sir / Madam,

**Sub: Minutes of the Research and Development Cell /
Research Advisory Council, KAHER,
Deemed-to-be-University, Belagavi.**

Kindly find enclosed the minutes of the **Research and Development Cell / Research Advisory Council of KAHER, Deemed-to-be-University, Belagavi** held on **10th November 2022.**

We request you to kindly go through the same and inform the undersigned regarding modifications/corrections, if any, to be made in the same, within two weeks from the date of this letter. If no communication is received from your end, it will be presumed that you have approved the same.

The Deputy Directors, RDC/RAC are hereby informed to take appropriate compliance actions in consultation with the Director-Research & Member-Secretary of RDC/RAC. The draft communications in the form of Orders / Circulars be prepared and submitted to the undersigned.

Thanking you,

With kind regards,

Yours faithfully,



Dr. V.A.KOTHIWALE
Registrar



Encl: As above.

- CC to: 1. The PA to Hon. Chancellor, KAHER, Belagavi.
2. The Special Officer to Hon. Vice-Chancellor, KAHER, Belagavi
3. The Finance Officer, KAHER, Belagavi.

**PROCEEDINGS OF THE MEETING OF THE RESEARCH AND DEVELOPMENT CELL / RESEARCH
ADVISORY COUNCIL HELD IN THE ACADEMIC COUNCIL HALL OF KAHER ON 10-11-2022**

MEMBERS PRESENT:

(As per the Attendance Sheet)

Dr. V.A.Kothiwale, Registrar welcomed the distinguished members and briefed the members with the following information:

- An e-mail has been received from UGC wherein it has been suggested once again to constitute RDC and take appropriate compliance actions so that the same can be implemented as a part of NEP. The KAHER has already constituted RDC and initiated compliance actions in this regard and is in the process of uploading the same on the UGC portal. Dr. S.S.Goudar has been co-ordinating and monitoring the compliance actions in this regard. A Google form sharing the information regarding the constitution of KAHER's R and D cell was filled and submitted in the UGC website <https://uamp.ugc.ac.in/> as directed in the letter by UGC.
- RDC is expected to play a pivotal role in catalyzing multi-disciplinary / transdisciplinary and translation research culture mandated in NEP-2020.
- The KAHER has been doing quality research. However, with the valuable inputs / suggestions from the distinguished members, it is possible not only to further enhance the quality in the coming years but also enhance the research productivity of KAHER.

Hon. Vice-Chancellor welcomed the distinguished members and expressed satisfaction and gratitude that the external as well as internal members joined the meeting with one external members joining the meeting On-line.

The meeting started with self-introduction by the members.

The Agenda was taken up for discussion and consideration:

Item No.1: Welcome and Introductory Remarks.

Dr. S. S. Goudar, Director & Member -Secretary, welcomed distinguished members and thanked them for attending the meeting.

The Member-Secretary in his introductory remarks briefed the members with the following information:

- As per the guidelines of the UGC, the KAHER has constituted Research and Development Cell /Research Advisory Council.
- The KAHER has constituted various Committees of Organization Structure of RDC under RAC nominating members as per the guidelines of the UGC.
- This is the first Meeting of the RDC and of the Conveners of the aforesaid Organization Structure.
- The KAHER, Deemed-to-be-University was established in the year 2006 and has undergone three 3 Cycles of accreditation by NAAC, latest being 3rd Cycle with A+ Grade with CGPA of 3.39 for a period of five years w.e.f. 21st February 2022.
- The KAHER has been consistently improving Rankings / Grading by NAAC, NIRF, etc. One of the key areas of NAAC is assessment of performance in the field of Research - Criteria-III involves (Research, Innovations and Extension).
- The main thrust and focus during the assessment of performance by NAAC, NIRF and other agencies is the performance and outcome in terms of 'Research', 'Publications' and 'Research and Consultancy Services' including research collaboration. He requested the external members to give their valuable inputs and suggestions to strengthen the research output / productivity which can further enhance the growth and quality research of the University.

Item No. 2 Briefing regarding the newly constituted Research and Development Cell as per UGC Guidelines.

Dr. M. S. Ganachari, Member-Secretary of SMO and Advisor, RDC briefed the members as regards to constitution of **Research and Development Cell** and also various Committees of the **Organization Structure of the Research and Development Cell under RDC/ RAC of KAHER** as per the guidelines of the UGC have been constituted with the mandate for promoting quality research that contributes meaningfully towards the goal of self-reliance India (Atma-Nirbhar Bharat) aligned with the provisions of NEP-2020:

- i) Committee 1 – Finance & Infrastructure
- ii) Committee 2 – Research Program, Policy Development
- iii) Committee 3 – Collaboration & Community
- iv) Committee 4 – Product Development, Monitoring and Commercialization
- v) Committee 5 – IPR, Legal & Ethical Matters

The aforesaid Committees have been constituted with nomination of the Conveners, faculty members, administrators, finance officer, researchers, legal officer, etc. representing from various constituent units. The Conveners of the respective Committees shall co-ordinate

and conduct the meetings as per their convenience and submit reports / proceedings to RDC Cell of KAHER for appropriate decisions.

He informed that Dr. Anil Koralli is the convener of Product Development, Monitoring and Commercialization (Committee-4) who has knowledge and experience in commercialization of Ayurvedic formulation of some of the products.

He also informed that Dr. Shivayogi Hugar is the Convener of IPR, Legal and Ethical Matters (Committee-5). He has number of patents to his credit and will co-ordinate with the faculty members who have got patents for commercialization of the products.

The Research and Development Cell would help in catalyzing quality research and creating a research eco-system for reliable, impactful and sustained research output.

Item No. 3 Consideration of defining Vision, Mission and Objectives of Research and Development Cell of KAHER.

Dr. Punnya V. Angadi, Deputy Director, RDC, KAHER made presentation as regards to Vision, Mission and Objectives of Research and Development Cell of KAHER and briefed the members with the following information:

- As per the guidelines of the UGC issued on 14-03-2022, all the Universities including Deemed Universities were directed to constitute Research and Development Cell in compliance to which the KAHER constituted RDC on 14-09-2022.
- RDC will facilitate to attain the targets of Atma Nirbhar Bharat (Make-in India).
- RDC will have a vision to create a robust mechanism for developing and strengthening the Research Ecosystem at KAHER. The Mission and Objectives were also presented.
- The RDC will function in
 - Governance and Administration
 - Research Program & Policy Development
 - Collaboration & Partnerships
 - Capacity Building
 - Research Monitoring
 - Research Information Management System
 - IPR, Technology transfer, Product Development and Startups
- The external members were asked to give suggestions regarding the Strategies for implementation and the roadmap for the same after the presentation.

Resolution:

Resolved to approve Vision, Mission and Objectives of RDC of KAHER.

Item No. 4 Discussion regarding priority Research areas

Dr. S. S. Goudar, Director-Research, made presentation as regards to priority Research areas. He briefed the members with the following information:

- a) The KAHER has been carrying out research in various areas including woman and child health which is funded by NIH and recognized by ICMR and WHO.
- b) The Research Unit of KAHER has collaborations with 25 medical colleges in the country working both at community level and facility-based study mainly focused on Maternal and New Born Health Research.
- c) The KAHER has also established Basic Science Research Centres at Belagavi, Hubballi and Bengaluru mainly to undertake the basic science research projects.
- d) The KAHER has also established Nutrition Lab mainly to ensure quality of the food products.
- e) KLE Shri B.M.Ayurveda Mahavidyalaya, Belagavi is one of the oldest colleges in the country and has its GMP certified lab and Incubation Centre.
- f) Dr. Rabinarayan Acharya was requested to give valuable inputs / suggestions as regards to how the KAHER can strengthen the research in Ayurveda.
- g) The KAHER has developed Clinical facility in the Hospital including Site Management Office (SMO) office which provides liaison between the Pharma industry and Clinical Research Organization (CRO) for conduct of clinical research and trials.
- h) Many of the Departments are involved in the pharma-industry sponsored Clinical Trials.
- i) The KAHER, being a health science deemed university has multi-disciplinary approach involving all streams viz. medical, dental, pharmacy, Ayurveda, physiotherapy, homoeopathy, nursing science and the sponsoring body viz. KLE Society has Technological university and colleges based in Hubballi / Belagavi which will boost research in multi-disciplinary / inter-disciplinary area.
- j) The KAHER has been enrolling 60 to 80 research scholars for Ph.D. program every year. The KAHER has introduced a number of schemes for research which will boost further enrolment to Ph.D. Program in the coming years with focus on inter-disciplinary research.
- k) The main research areas with extensive work include: Maternal and newborn health, Nutrition and Metabolic diseases, Infectious diseases, Cancer Biology

Resolution:

Resolved to take note of the same.

Item No. 5 **Consideration of strategies to be worked out for effective utilization of the budgets for research activities / projects**

Dr. M. S. Ganachari, Member-Secretary of SMO and Advisor, RDC made presentation as regards to various schemes introduced by KAHER with financial grant for the benefit of faculty members, Ph.D. Research Scholars and students for research projects, publications, attending conferences, conducting conferences, etc.

Resolution:

Resolved to take note of the same. While taking note of the same, it was suggested that the Principals of the constituent units shall motivate the faculty and students to effectively utilize the funds earmarked for conduct of research activities.

Item No. 6 Any other matter with the permission of the chair.

While concluding the meeting, the distinguished members made the following suggestions to strengthen the research:

Dr. Rabinarayan Acharya introduced himself and thanked for nominating as Member on RDC. He informed that he has visited KAHER as Resource Person / Speaker in the past. He appreciated the KAHER for providing the state-of-art facilities for research and also the significant contribution made by the Research Unit for community-based research. He emphasized the need and importance of undertaking research projects out of PG and Ph.D.dissertations.

While taking note of the power-point presentation by the Principal, KLE BMK AM, he suggested that the research is being carried out only by a few Departments like ObG, Nutritional Science, etc., the same needs to be widened with involvement of other Departments for overall research ambience with focus on Integrative Medicine. The students may be motivated to avail the financial grant made available by KAHER for research projects. He also informed that CCRAS is inviting applications for UG, PG and Post-doctoral Scholarships in Ayurveda which may be encashed by submitting quality research applications / proposals on or before 31-12-2022. The same may be informed to PG students. He also took note that the KLE Shri BMK AM has submitted application for 'Centre of Excellence'.

He also informed that though the research in terms of Ayurveda has been satisfactory, the same needs to be widened with inclusion of inter-disciplinary and collaborative research projects involving intra-AYUSH (Ayurveda-Homoeopathy) and Inter-Research (Medical-Ayurveda), etc. as envisaged in the National Education Policy-2020.

Dr. Sanjay Mehandale, distinguished member suggested the following:

- a) The road map for research for KAHER needs to be clearly defined so that the distinguished external members will be able to give specific suggestions / inputs for further growth in terms of research projects, patents, publications, etc.
- b) Though the presentation gives broad picture of the research, we need to define roadmap for research with emphasis on step-by-step approach clearly indicating the goals with short-term, medium term and long-term with time-line.
- c) The faculty members of the respective Departments / Inter-Departments need to communicate effectively so that the research in inter-disciplinary area can be considered and taken up for further growth.
- d) Though the KAHER and its faculty members have been engaged in number of research projects, publications, patents, etc., there needs to be monitoring mechanism by a Monitoring Committee with nomination of external experts which will facilitate to guide the faculty members, Ph.D. Scholars and students to carry out the research keeping in view the societal and present needs and based on the thrust areas of research.
- e) The quantum of financial grant for research projects differ from faculty to faculty which needs to be uniformly maintained as the research work carried out by any faculty member involves the same investment / expenses.
- f) Taking into consideration the advancements in the research areas / projects, the faculty members need to undergo advanced training in research methodology and other areas once in six months / year so as to create good research capacity building.
- g) In order to pursue further research and commercialization of patents, the KAHER needs to formulate Data Sharing Policy.
- h) The faculty members need to focus on mission mode projects by selecting particular group / area (District, Village, Taluka, Region, Type of patients, etc.) so that the benefit of the outcome of the research could reach the needy.
- i) Non-communicable disease could be one of the Research thrust are that could be worked on.
- j) The distinguished members suggested the following to enhance the quality of research:

Dr. Sadhana Joshi suggested that the faculty members and students need to be trained on 'scientific writing' skills, grant writing, etc. She also suggested that the institution needs to identify the thrust areas of research (Department-wise) and plan for research accordingly.

Dr. Nomita Chandhiok suggested that the thrust areas of research needs to be identified and the outcome of the research need not be restricted only to publications but also lead to tangible outcome for research keeping in view the long term objective. She also suggested to give importance on research in the areas of mental health, artificial intelligence, etc.. apart from commercialization of the patents. She further suggested that the faculty members from the engineering and technological institutions / university may be involved for patent commercialization and also develop scientific and medical devices / instruments. She appreciated the initiatives taken by various institutions for collaborative research like Medicine and Integrative Medicine (Ayurveda), etc. She suggested that Artificial intelligence and mental health could be priority research areas. Impetus should be given for knowledge synthesis by undertaking Systematic Reviews.

The distinguished members Padma Shree Dr. Madan Godbole, Dr. Ramesh Paranjape, Dr.M.V.Jali and Dr. Suhas Kumar Shetty briefed the members as regards to the research facilities available and the research activities being carried out in their respective Hospital / Centres.

As there was no any other Agenda, the meeting concluded with a vote of thanks to the Chair.



REGISTRAR



VICE-CHANCELLOR