ESTABLISHMENT OF CENTRE FOR EXCELLENCE IN DESIGN AND MANUFACTURE OF WOOD-BASED HANDICRAFTS

Prepared by KJA

Karnataka Jnana Aayoga
(Karnataka Knowledge Commission)
Government of Karnataka

August 2019
Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts

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Karnataka has a glorified history of being the pioneer and cradle to the traditional skill of wood-based handicrafts. The handicrafts in Karnataka reflect the skillful craftsmanship of the artisans of Karnataka. Karnataka’s Wooden handicrafts find appreciation by global consumers and across the local market as well. It has recurrently emerged as a potential area of interest and has widespread novelty seeking of skilled labor in this arena. Karnataka’s wood industry is an important supplier of handicrafts to the world market which is also ecologically friendly. This industry has the prospect to provide major opportunity of employment for the dwindling artisans spectrum especially to rural sections. In addition to the high potential for employment, the sector is economically important from the point of low capital investment. Historically even, the temples of the state and their architecture showcase most impressive works of wood in Karnataka. This art finds its legacy in the detailed designs done on ancient wooden ceilings, doors etc., these showcase the best of such works. These wooden works are done by means of traditional methods. Many idols of deities are also part of this beautiful wooden handicraft. There is a need to make this tradition sustainable.

Primarily the last decade has seen use of eco-friendly products expand and, in this backdrop, wooden handicrafts has gained popularity worldwide. However, Channapatna toy industry has faced a crunch on capacity building for more than a decade. KJA recognizes the states ability to maximally utilize and integrate this extremely rich knowledgebase related to traditional art practices of wooden handicrafts. This is to be given due importance, benefit depends upon how well the knowledge is documented and standardized, apart from how handicraft workers are made aware of the best practices. The knowledge of handicrafts practices must also gear up to safeguard the younger generation’s interest which seems to be disappearing due to lack of knowledge of the handicrafts usefulness and marketing methods. This recommendation encompasses
the current need to build skills in this handicraft sector by providing in it certifications and standardization of the methodology adopted in this sector.

I am happy that KJA has considered the proposal submission from University of Mysore for developing the standards, practices, certification courses and devising market ready handicrafts products and also furthering, sustenance of the proposed “Centre for Excellence in Design and Manufacture of wood-based handicrafts”. This recommendation would build capacity to create, manage, expand and disseminate traditional knowledge of wood-based handicrafts thus complimenting to its Geographical Indicator tag recognition to the Channapatna region the ‘Gombegala Ooru’.

KJA has had detailed discussions and intense consultations to obtain wide range of views for finalising on this proposal which has also been reviewed by experts of the field. KJA believes that adoption of this recommendation will give immediate thrust to the spread of handicrafts industry by disseminating it in the university system with the involvement of Government of Karnataka. The pioneering initiations would enable the artisans for the State both in terms of innovation, documentation and standardization for development of Wooden Handicraft and embark upon integration of knowledge & practices.

I am sure that this recommendation of KJA will go a long way in furthering Craftsmanship, capacity building and also bringing awareness to various segments of this society. I take this opportunity to thank the Members of KJA, Karnataka State Handicrafts Development Corporation Ltd. and University of Mysore.

On behalf of the KJA, I am extremely pleased to present this recommendation to Government of Karnataka for successful implementation.

August 26, 2019
KJA Recommendation for Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts

FOREWORD

Government of Karnataka (GOK) has constituted the Karnataka Jnana Aayoga (http://www.karnataka.gov.in/jnanaayoga; KJA) under the Chairmanship of Dr. K Kasturirangan. In the past 10 years, KJA has emerged as a major recommendatory body of experts/professionals from different walks of life. KJA brings knowledge inputs to governance and takes up mainly “proof-of-concept” tasks. KJA has submitted 19 important recommendation, including policy for Education, Heath, K-GIS, Machine Learning, Unmanned Aerial Systems, Arts and Culture, and many other sectors.

One major initiative that KJA has taken up is ideation for preserving, developing, evolving and promoting the states wooden handcraftsmanship with modern technological systems – thereby bringing more efficacy to the traditional handcraft knowledge and benefit at local level. This art of exclusive wooden crafts making in Karnataka has passed on from one generation to the another, thus making it a timeless tradition. The recommendation conceptualizes for the state to be a leader in providing encouragement to the artisans to promote the handicrafts in general and wooden handicrafts in particular, understanding the market upskilling of the artisans of wood-based handicrafts articles and also upgrading present artisan skills, certification hence catering design to the global market demands is embarked upon. This recommendation integrates the traditional handcraft community with global market trends and demand through innovations in design and practices – thereby generating best practices for Craftsmanship, empower and boost the wood-based handcraft eco-system in Karnataka and educate/re-skill the large number of craftsmanship and artisans.

This recommendation has evolved from detailed discussions and inputs that KJA has had with experts in the field. Departments such as Karnataka State Higher Education Council; Higher Education Department; Skill Development Entrepreneurship and Livelihood (SDEL) Department – to whom this recommendation is made for anchoring and implementation play a key role to establish this Centre for Excellence. The departments can structure the implementation and also establish monitoring systems. The outcome can make a positive impact on wood-based traditional Craftsmanship and recover them from losing grounds in the face of global competition. KJA particularly finds the need to establish a Centre for Excellence in Design and Manufacture for the world renown wood-based handicrafts that finds its origin at Channapatna, there is a grave need to drive this industry in terms of bringing in novelty, training of the traditional artisans as well as aspiring artists in design and innovation and provide them with new opportunities in skill building. This is of immense knowledge value as well as of enormous social, economic and cultural value. Preservation
and promotion of indigenous (local) art and craftmanship in the context of emerging global advancements is required. I would like to express my gratitude and thanks to Dr. Nazeer Ahmed – the key driver for this ideation and also Former Vice Chancellor - University of Mysore, Prof. Lingaraja Gandhi and Prof. Yashavantha Dongre for closely working with KJA for the past months in shaping this recommendation. I would also like to thank Sri. B. Venkatesh, IFS for being involved with KJA in working out the project implementation strategies.

On behalf of KJA, we commend this KJA Recommendation to the Government - KJA is convinced that by implementing this vision, Karnataka would lead in adopting to the global trends of the wooden toys sector thereby impacting its artisans in a positive manner and bringing improvements in their quality of life.

On behalf of the Members of KJA, it is a matter of great pleasure that this recommendation is being submitted to Government of Karnataka and hope that implementation steps will be taken up soon.

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August 26, 2019
GRATEFUL THANKS TO

In preparation of this proposal and KJA recommendation on establishment of “CENTRE FOR EXCELLENCE IN DESIGN AND MANUFACTURE OF WOOD-BASED HANDICRAFTS”, KJA is extremely grateful to:

- Members of KJA for their intense participation and guidance in developing this concept.
- Dr. Nazeer Ahmed, Dr. Bibhudutta Baral - NID, Mr. Khan, Sir. B. Venkatesh, IFS and Mr. Atul Johri – experts who were invited by KJA to review the CFE proposal and provide suggestions for shaping the recommendation of KJA.
- Sri. Chakravarthi Mohan, IAS, Secretary to Govt., Kannada and Culture Department for his kind support and valuable suggestions
- Mr. Somashekarappa, Deputy Secretary, HED, GOK for all support and extremely valuable inputs.
- Thanks also to Dr. K.S. Rangappa, former VC-UoM, Prof. C. Basavaraju, Vice-Chancellor, UoM and his entire team V.A Deshpande, S.C Devaramani, Prof. S. Ravi who were the key persons who conceptualized, designed and drafted this proposal in its totality and patiently associated with KJA to walk-through a series of discussions/consultations for submitting this final proposal
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- Mr. M. Bhupathy, Channapatna Artisan, Member, World Fair Trade Organisation for his unstinted support
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KJA RECOMMENDATION
KJA Recommendation for
Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts
KJA RECOMMENDATION

The Government of Karnataka (GoK) has constituted the Karnataka Jnana Aayoga (http://www.karnataka.gov.in/jnanaayoga; KJA) under the Chairmanship of Dr. K. Kasturirangan. The main aims and objectives of KJA are to recommend action for institution building, policy innovation and excellence in the field of education, health, S & T, industry, entrepreneurship, research and innovation, traditional knowledge, agriculture, e-governance, rural development, humanities and any other relevant areas.

KJA is mainly a recommendatory body – a body of experts and professionals in various fields who, together, bring a wealth of knowledge and expertise. KJA Members bring new ideation; undertake extensive brain-storming and wide consultations on important and relevant issues for the state’s development. KJA activities/tasks start from an initial “ideation/concept” and result in specific approved KJA tasks/activities/projects and ultimately into recommendations of KJA to GoK. KJA has submitted 19 important recommendation, including policy for Education, Heath, K-GIS, Machine Learning, Unmanned Aerial Systems, Arts and Culture, and many other sectors. Generally, ideation/concepts for KJA activities come from 3 sources – Member ideation OR GOK (departments) need for knowledge inputs OR any institutional knowledge ideation OR citizen input or Public Good initiatives.

BACKGROUND FOR CFE RECOMMENDATION

Designing and manufacturing of toys, woodwork and bamboo products is a traditional artisan activity in the state – especially in Channapatna/Mysuru and also in Kinnal/Gokak and other areas. These small traditional hubs for toy manufacture, silk, woodwork and bamboo products have been operating from many years and there is a wealth of knowledge and expertise amongst artisans in these areas. The small-scale industry also provides an important means of employment in the region.

Recently, this industry is facing onslaught of global markets and technology ingest – thus, there is threat for our traditional knowledge and artisan and workmanship. The wooden handicrafts industry is also small and does not have the knowledge, outreach and might to access global markets and market its products effectively. Further, with less adoption of technology, which are out of reach of the small industry, they suffer from less-capable
design, production quality etc. and many times do not meet national and global standards – thereby, further suffering in the markets.

At the same time, dwindling of these arts and knowledge cannot be allowed and efforts have to be made by the State to help these small industries and artisans to rejuvenate with modern technology, design knowledge, skills, quality standards and business practices – so that they can compete with their products effectively and even serve in volumes to the national and global market. The people employed in this sector urgently need upgrading skill favouring the spin-offs, retaining and enhancing the interest in handicrafts and enable an alternative empowerment strategy for thousands of such artisans in the state.

According to a report of the Planning Commission of India, the Human resource development is one important neglected area of Indian Handicrafts Industry. It is a key factor that requires promotion and influences the people, industries and economy of the state. Wood based handicrafts is one such potential and important sector.

Guidance to artisans, demonstration of good practices, identification of best practices in manufacturing, vocational training and development of manufacturing clusters of wood-based handicrafts in one of the priority areas of this industry today, in Karnataka. Though, there are several assorted mechanisms available for study and promotion of these activities, there is no single centre of excellence to train, design and develop the manufacturing sector of wood-based handicrafts in Karnataka. Hence, this present proposal is made to establish the Centre for Excellence in Design and Manufacture of Wood-based Handicrafts, at Mysore under the aegis of Karnataka Knowledge Commission and the University of Mysore, the university has recently completed its hundred years of continuous academic excellence, in India.

**ESTABLISHING AN INSITUTION FOR EXCELLENCE IN WOOD-BASED HANDICRAFTS – CENTRE FOR EXCELLENCE (CFE) IN DESIGN AND MANUFACTURE OF WOOD-BASED HANDICRAFTS**

University of Mysore (UoM) is one of India's premier institutions of higher learning and is located in Mysuru, the cultural centre of Karnataka. Its main tasks are in research, education and translation/extension, activities/application of knowledge for societal change in areas of Arts, Science and Technology, Design & Architecture, Commerce, Education and Law.

In September, 2014 KJA suggested and explored the idea of University of Mysore to
anchor the Excellence Centre in Design and Manufacture of Wood-Based Toys. Consequently, UoM was appropriately marked as the project implementation agency.

KJA EVALUATION OF UoM PROPOSAL
An initial idea to set up a Centre for Excellence in Design and Manufacture of Wood-Based Toys was ideated by Prof. Nazeer Ahmed – Member, KJA in February 2014. With an initial two-fold vision. First, to introduce the disciplines of mathematics and materials science as enablers of handicraft design. Second, the use of these disciplines as a point of departure to teach advanced composites to engineering students. Composite materials will play an increasingly important role in the coming age of technologies. Prof. Nazeer Ahmed, suggested establishing a Centre for Excellence in Design and Manufacture of Toys, Woodwork and Bamboo Products in Karnataka-around a college/university in the Ramanagara-Mysore corridor where designing and manufacturing of toys, woodwork and bamboo products is a traditional artisan activity in the state – especially in Channapatna/Mysuru and also in Kinnal/Gokak and other areas which is a traditional hub providing jobs to thousands of artisans in small scale industries operating what is essentially a stratified retail market bereft of innovation and knowledge based design.

This ideation was discussed in the KKC meeting on May 28, 2014 and an action Item was generated to follow up and study its feasibility. Further, KJA-Technical Committee (KJA-TC), in its 1st meeting held on September 17, 2014 discussed and agreed that the idea of a Centre For Excellence in Design was unique and befitting to encourage the present Artisan spectrum of Wooden Handicrafts. KJA, in its 1st TC meeting suggested to explore the idea of UoM to anchor such an Excellence Centre (Extract of Minutes of Discussions with TC-KJA at Annexure 3).

KJA had suggested that University of Mysore could be requested. KJA interacted with University of Mysore for preparing a final proposal for KJAs consideration. Subsequently, meetings were held with the University of Mysore, first one on January 24, 2015 to bring on board UoM. It was participated by Dr. Nazeer Ahmed, Dr. K.S. Rangappa, Vice Chancellor, Mysore University, Dr. B.S. Viswanath, Dr. Ravi, and Dr. Manjunath, Professors, Mysore University (minutes of meeting with VC-UoM at Annexure 4).
At a follow-on meeting on October 11, 2015, it was decided to establish a Drafting Committee under the chairmanship of Dr. K.S. Rangappa, to oversee the preparation of a detailed project plan and proposal (Office Order at Annexure 5). The committee held two meetings - one on December 28, 2015 and on March 23, 2016 to discuss conceptualizing on the feasibility of setting up of such a Center for Excellence in the University of Mysore campus. This Drafting committee has also had several internal consultations and deliberations in deriving on the initial proposal.

In May, 2016, KJA received a comprehensive draft proposal prepared by Mysore University to establish - CENTRE FOR EXCELLENCE IN DESIGN AND MANUFACTURE OF WOOD-BASED HANDICRAFTS PROPOSAL from University of Mysore, Mysuru. This proposal sought to demonstrate that the proposed Design Centre will help scale up the design and manufacture of these products so that they can successfully compete in the emerging market place. The proposal addresses the gap between international market need and our design and manufacture capabilities in the traditional sectors of toy manufacture, woodwork and bamboo products. The need to close this gap is pressing as India opens its doors to international retail competition.

**KJA Expert Review Committee**

KJA on receiving the initial draft proposal from University of Mysore, for it to be the anchor to establishment of the “Centre for Excellence (CFE) in Design and Manufacture of Wood based Handicrafts”, constituted an Expert Review Committee (Office order at Annexure 6) to evaluate and assess the proposal from different technical and managerial angles – relevance and importance of scope of the proposal, viability and implementation aspects, budget/schedule and also to get the assessment of GoK departments. The eminent members with expertise in Graphics, woodwork and in being Channapatna entrepreneurs were mandated to evaluate the proposal from Mysore University. The expert review committee included:

- Dr. Bibhudutta Baral, Centre Head, NIDs R&D Campus, Bengaluru
- Mr. Atul Johri, Art and Crafts Designer, Channapatna
- Sri. B. Venkatesh, IFS, Managing Director, Karnataka State Handicrafts Development Corporation Ltd.
- Mr. M. Bhupathy, Channapatna Artisan
Mr. Khan, President, Delixus, Bengaluru

To evaluate the proposal the Expert Review Committee has had two meetings – one on October 26, 2016 (Annexure-7) and other on January 2, 2018 (Annexure-8). The Experts provided valuable inputs and suggestions by which the CFE proposal has revised and shaped. Based on these recommendations a revised version of the proposal was submitted by UoM to KJA (Annexure-9). The review committee in its final meeting on January 2, 2018, discussed the revised proposal in tune with the 4th KJA-TC meeting inputs and formally has endorsed/approved the proposal from UoM and suggested that Karnataka State Higher Education Council/Higher Education Department/ Skill Development Entrepreneurship and Livelihood (SDEL) Department could anchor the implementation of the KJA recommendation.

Further, to these the Experts Review opinion on implementation strategies were incorporated and the final proposal was also considered in the 4th KJA-Technical Committee meeting. This meeting was held on November 28, 2017– final proposal was recommended by KJA-TC to KJA for formal approval.

In the recent 8th KJA meeting held on May 8, 2019 the final report was discussed and it was noted that the Centre is a step towards the recent Higher Education’s mandate of including courses that are oriented towards skill development and should be scaled up for making the younger generation more employable in every region across the state utilizing the locale specific conditions in its favor and agreed that the Centre should be led by HED in tandem with UoM in Mysuru – with full autonomy and flexibility of operations, finance and management. It was unanimously endorsed and urged KJA to finalise and submit Recommendation for Centre for Excellence in design and manufacture of wood-based handicrafts to Higher Education Department, GOK.

Thus, KJA has carefully studied the issue and also has interfaced with Mysore University to house the Centre. It was conclusive that the University is ready to operate the Centre and ultimately make it self-sustaining.
KJA RECOMMENDATION

KJA appreciated the proposal as it gives importance to the marginalized artisans and opined that the proposal to be implemented at UoM. This is a laudable idea.

KJA mentioned that motivation for the artisans is a key aspect for the success of this proposal and must be given its due. Sustainability and outcomes must be regularly monitored for the Centre.

KJA also appreciated the Centre ideation as it is based in the context of reviving the fast disappearing skill of traditional arts. KJA made the following suggestions:

- This initiative requires inter-departmental collaboration - at GOK level and also with GoI - so that various efforts are integrated. All the region-specific arts and handicrafts and artisans spread across the entire State could be revived anchored by local Universities along with GOI departments such as Dept of Culture; Ministry of Micro, small and medium enterprises etc. While the Mysore Centre can start off, the overall goal could be for a multi-departmental initiative to create a long sustaining ecosystem for the dwindling artisans of the State.
- It was suggested that UoM should limit themselves to only Design of wooden handicrafts as opposed to the entire handicrafts industry.
- Enterprise issues such as financing the Centre, sourcing raw material, market linkages are to be addressed. Necessary infrastructural aid and resources are to be further detailed.

It was mentioned that the ultimate purpose of the Centre is to bring in "fresh education and vocation ideas" in society and help artisans in woodcraft to get up-skilling and some level of vocational certification - these would help them in their improvement in quality of life and success in profession. Suggestions were made that the HED should oversee the Centre under UoM and take initial ownership to adopt the suggested new model that includes academic role along with a business model during the Centre’s implementation. With HED at helm with UoM, the objective for working with GoI for other regions of state would also get addressed.

The cost of the project is INR 2 crores and is to be implemented in 12 months.
In the 8th KJA meeting the following was resolved and recommended:

Government of Karnataka is to establish the Centre for Excellence in Design & Manufacture of wood-based Handicrafts. The Centre is a step towards the recent Higher Education’s mandate of including courses that are oriented towards skill development and making the younger generation more employable in every region across the state utilizing the locale specific conditions in its favor and agreed that the Centre be led by HED in tandem with UoM in Mysuru - with full autonomy and flexibility of operations, finance and management. HED could provide special funds of INR 2 crores to the Centre. The ACS-HED; VC, UoM should facilitate the establishment of this new Centre as quickly as possible.
KJA Recommendation for
Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts
INTRODUCTION
1. SUMMARY

Karnataka (Erstwhile Princely State of Mysore) is historically known for art, artefacts, carvings, sculpture, handicrafts and legacy of rich heritage. Especially the handicrafts of Karnataka (Old Mysore) are world renowned and have global demand. Well-known across global cultures, the handicrafts of Karnataka, be it carvings on wood or exquisite design on fabric is reflective of the skilful craftsmanship of the artisans of Karnataka.

After the princely rulers of Mysore in past & subsequently successive governments have always fostered and promoted the handicrafts industry. The present Government has paid due emphasis for preservation and promotion of handicrafts and artisans of Karnataka. The art of exclusive crafts making in Karnataka has passed on from one generation to another, thus making it a timeless tradition. Government has also taken many steps to retain the charms of these handicrafts and that has resulted in the upgrading of many craft traditions. The present proposal jointly initiated by Karnataka Jnana Ayogya (KJA)and University of Mysore (UOM) is to be seen as a reflection of the incentive policy of the Government of Karnataka taking note of preservation and promotion of indigenous (local) art and culture in the context of advent of global (Western) cultural domination. This is also the national policy, and both Centre and State Governments have undertaken several initiatives to secure indigenous, traditional knowledge against the onslaught of westernized knowledge. While, the proposal intends to preserve the traditional knowledge, it is not against the new or Western knowledge and art, but it hopes to integrate both the traditional and modern.

The proposal considers through the Centre for Excellence in Wood Handicraft to include and offer the following courses:

1. **Short Term Training Programs** (Generally 1-week duration) - in Patenting, Marketing, New technology, Design and any other specific needs from time to time (The participants will be those working in the field of handicraft)

The certificate programs are oriented towards the artisans already engaged in design, manufacturing, marketing etc. To further enhance their skillset viz:

The Diploma programs are designed keeping in mind imparting skills to new generation of potential artisans and is as below:

3. Diploma in Design, Diploma in Handicraft Marketing, Diploma in Manufacturing Skills
2. CHALLENGES

One of the challenges the traditional knowledge industry (handicrafts in the present case) faces is the fast disappearance of traditional skilled artisans, and absence of interest on the part of young people towards craftsmanship, indigenous art and handicrafts.

Perhaps the most crucial challenge is economic viability and sustainability of handicraft industry whether wood-based or otherwise. Finding market and manufacturing product of quality and excellence of international standard is the real challenge that this proposal hopes to address. The market survey-national and international-has to be taken on priority.

According to the recent report of the Planning Commission of India, the Human resource development is one important neglected area of Indian Handicrafts industry. It is a key factor which in very much needed to promote the people, industries and economy of the state. Upgrading the skill for favouring the spin-offs, retaining and enhancing the interest in handicrafts is a viable alternative empowerment strategy for lakhs of people in the state.

Guidance to artisans, demonstration of good practices, development of modern designs in manufacturing, vocational training and development of manufacturing and marketing clusters of wood-based handicrafts is one of the priority areas of this industry today, in Karnataka. Although, there are several assorted mechanisms available for study and promotion of these activities, there is no single centre for excellence to train, design and develop the manufacturing sector of wood-based handicrafts in Karnataka.

Hence, the present proposal to establish the Centre for Excellence in Design and Manufacture of Wood-based Handicrafts, at Mysore under the aegis of Karnataka Knowledge Commission and the University of Mysore, which has recently celebrated its hundred years of illustrious existence.
3. OBJECTIVES

Empowering the rural youth on skill development is a priority area in the state of Karnataka. Guidance to artisans, demonstration of good practices, identification of best practices in manufacturing, vocational training and development of manufacturing clusters of wood-based handicrafts in one of the priority areas of this industry today, in Karnataka. There are a lot of opportunities available for people to get themselves trained in handicrafts industry and make a sustainable livelihood through this sector.

In this endeavor the major objectives of the center are towards:

1. Creating Knowledge Platform: The proposed center seeks to play an important role in building a knowledge platform to be used by the artisanal community. Researchers attached to the center would build the following resource bases, which would facilitate sustainable artisanal activity in the field of wood art. The knowledge platform would focus on the following key areas:

   a. Creating data base on globally known wood art forms: As a measure of helping the local artisans to fine-tune their skills and diversify their art forms, the center would collect, classify and analyze the different well-known forms of wood art across the world. Data pertaining to the type of wood used, nature of art products produced, utility value and ornamental value of such products, type of clientele groups for such products, measures taken in respective countries/regions in making the artisanal profession sustainable etc. would be collected and systematically arranged.

   b. Marketing strategies: An important step in making any profession/product output successful is making provision for effective Forward Linkages that ensure smooth absorption of output in the market. Towards this end the center would study various storage, preservation, marketing and post purchase support strategies adopted across the world for wood art products. Most importantly, the channels of distribution, possibilities of using Fair Trade platforms, development of customized products etc. would be studied and arrangements made to pass on the knowledge to artisans through appropriate modes.

   c. Patenting and Property Rights: An important need for artisanal products is to establish and protect the Intellectual Property Rights. By facilitating securing of patents, establishing geographical identities and protecting the latent local knowledge are the key elements of survival and sustainability. The center would pursue this route with support both by legal experts and experts from the field of
global trade.

2. To Bridge the gap between Academia, international market need, out design and manufacture. The proposed centre will help scale up the design and manufacture of the products so that they successfully compete in the emerging market place.

3. To conduct research in design development and quality management of wood-based handicrafts as well as to research into the use of alternate materials in the backdrop of paucity of wood resources.

4. To conduct research into the socio-economic conditions of artisan community that is dependent on handicrafts manufacture.

5. To conduct training programmes to the unemployed youth for developing their skills and knowledge in creative handicrafts.

6. To conduct short term Vocational certificate courses to the aspiring candidates.

7. To design and develop curriculum to conduct B.Voc degree and Diploma courses, in areas of Handicrafts, their design elements, manufacture, sales and marketing.

8. To conduct workshops to the working artisans to improve their creativity and productivity and to organise seminars and conferences to disseminate the knowledge and development of this sector with all its stakeholders.

9. To carry-out surveys, data collection and to conduct research on the socio-economic conditions of the people, the SWOC analysis of this Industry in Karnataka, for making policies to improve the system at various levels.

10. To establish a permanent Handicrafts Museum for Show-casing the unique qualities of Karnataka Handicrafts and create visibility through on-line and offline modes, films, video documentaries and radio programmes.
4. CENTRE FOR EXCELLENCE IN DESIGN AND MANUFACTURE OF WOOD-BASED HANDICRAFTS

4.1. FOREGROUND

The present proposal is fore-grounded in the ‘Skill-India’ mission aimed at developing human resources required for developing economy, industry, society, art and culture. University-Industry interface is a vital phase in the development of higher education today. The growing economy urgently needs skilled human resource, and it is part of the educational design to supply the required resource.

Also, there is an urgent need to develop, innovate and promote the indigenous, traditional small-scale industries ‘especially which have global demand and market. By doing so, not only the indigenous forms of art, design, culture and tradition are preserved but also more employment opportunities are created, especially in the rural areas where many of these traditional forms of art exist.

The proposal seeks to play an important role in building a knowledge platform to be used by the stakeholders of handicrafts industry. Researchers attached to the center would build the resource bases, which would facilitate sustainable artisanal activity in the field of wood art.

4.2. BACKGROUND

Historically, the state of Karnataka is known for the legacy of arts, crafts, carvings, handicrafts and designs on fabric. The government of Karnataka now, the royal rulers of the state in the past have all along encouraged and promoted the craftsmanship and artisans. The art of exclusive crafts making in Karnataka has passed on from one generation to another, thus making it a timeless tradition.

4.3. NEED FOR EXCELLENCE

Off late, the traditional artisans are dwindling, and the craftsmanship is facing competition from technology-based artefacts. At the same time there’s an international market for handicrafts of products of quality. The indigenous skill, local knowledge needs to be
documented, preserved and promoted internationally. Therefore, there is a grave need to innovate, train the traditional artisans as well as aspiring artists in design and innovation and provide them new opportunities in skill-building.

The recent report of the Planning Commission of India, the Human resource development is one important neglected area of Indian Handicrafts Industry. Upgrading skill favouring the spin-offs, retaining and enhancing the interest in handicrafts is a viable alternative empowerment strategy for thousands of people in the state. Empowering the rural youth on skill development is a priority area in the state of Karnataka.

4.4. ESTABLISHMENT OF THE CENTRE UNDER THE AEGIS OF UOM & KJA

The proposal is a joint undertaking of University of Mysore (UoM) and Karnataka Jnana Aayoga (KJA), Govt. of Karnataka, Bangalore. Prof. K.S. Rangappa is an eminent International Scientist, pro-active, development-oriented Vice-chancellor leading the University of Mysore at the momentous year of University Centenary Celebration 2015-16. Prof. Kasturirangan is a world-renowned space scientist and a visionary leader under whose guidance KJA has acquired new dimensions.

Idea of the Centre for Excellence in “Design and Manufacture of Wood-Based Handicrafts” was first conceived by a member of KJA, Dr. Nazeer Ahmad, and was developed by team consisting of members from University of Mysore and KJA.

The centre is to be housed in University of Mysore and supported by Ministry of Small Scale Industries, Government of Karnataka.

According to the recent report of the Planning Commission of India, the Human resource development is one important neglected area of Indian Handicrafts industry. It is a key factor which in very much needed to promote the people, industries and economy of the state. Upgrading the skill for favouring the spin-offs, retaining and enhancing the interest in handicrafts is a viable alternative empowerment strategy for millions of people in the state.

Guidance to artisans, demonstration of good practices, identification of best practices in manufacturing, vocational training and development of manufacturing clusters of wood-based handicrafts in one of the priority areas of this industry today, in Karnataka.

Though, there are several assorted mechanisms available for study and promotion of these activities, there is no single centre of excellence to train, design and develop the manufacturing sector of wood-based handicrafts in Karnataka.
The proposed center seeks to play an important role in building a knowledge platform to be used by the artisanal community. Researchers attached to the center would build the following resource bases, which would facilitate sustainable artisanal activity in the field of wood art. The knowledge platform would focus on the following key areas: a) creating data base on globally known wood art forms: As a measure of helping the local artisans to fine-tune their skills and diversify their art forms, the center would collect, classify and analyze the different well known forms of wood art across the world. Data pertaining to the type of wood used, nature of art products produced, utility value and ornamental value of such products, type of clientele groups for such products, measures taken in respective countries/regions in making the artisanal profession sustainable etc would be collected and systematically arranged. b) Yet another important step in making any profession/product output successful is making provision for effective Forward Linkages that ensure smooth absorption of output in the market. Towards this end the center would study various storage, preservation, marketing and post purchase support strategies adopted across the world for wood art products. Most importantly, the channels of distribution, possibilities of using Fair Trade platforms, development of customized products etc would be studied and arrangements made to pass on the knowledge to artisans through appropriate modes. c) Patenting and Property Rights: An important need for artisanal products is to establish and protect the Intellectual Property Rights. By facilitating securing of patents, establishing geographical identities and protecting the latent local knowledge are the key elements of survival and sustainability. The center would pursue this route with support both by legal experts and experts from the field of global trade.

4.5. WHY TO SET UP THE CENTRE IN THE UNIVERSITY OF MYSORE?

To create, impart and disseminate knowledge are the central objectives of higher education of which Universities are the “life-blood”. Established with the motto that “Nothing is equal to Knowledge”, University of Mysore, ever since its establishment has been earnestly engaged in fulfilling the motto and the national objectives of higher learning. Since Universities are the knowledge hubs, it’s but imperative to establish the “Centre for excellence in design and manufacture in wood-based handicrafts” in the University of Mysore.

First University in the state of Karnataka, and the sixth oldest in the country, University of Mysore was established on 27 July 1916. The centenary celebrations were completed in a most befitting manner only recently.

Establishing a National Centre of Design and Manufacture in Wood-Based Handicrafts in
this momentous year of attaining in significant milestone is a fitting gesture.

Well-known for the rich legacy of teaching, learning and research accomplishments, University of Mysore’s main campus is located on 739 acres of land, with excellent infrastructure, natural and picturesque ambience.

The third time accredited by NAAC with A grade (3.47 CGPA), the University has been recognized as Institution of Excellence (IoE) with 100 crores, University with Potential for Excellence (UPE) with 50 Crores, CPEPA (4.73 Crores), PURSE with Rs.0.9 Crores in the first phase and Rs.8.5 crores in the second Phase.

Highly accredited for its research outputs, research projects and publications an overall H-index Web of Science) for published research is 42 with 3609 publications.

4.5.1 INTERNATIONAL CHARACTER

There is a well-established International student centre. Foreign student enrolment the is the highest in the country. Students from more than 63 different countries study in the University.

There are 38 Foreign University Collaborations with the University, and 66 Research Centres across the state and outside the state have been recognized by the University.

There are 63 PG Departments with 75 Postgraduate Courses and more than 1,30,000 UG, PG, M.Phil., and Ph.D. students pursue education on campus, and in the three Satellite centres and in 226 affiliated colleges.

4.5.2 INSTUTES OF ART AND VISUAL ARTS; DESIGN & TECHNOLOGY; PLANNING AND ARCHITECTURES

University has its own school of Design, in addition to School of Planning and Architecture on campus, there are Postgraduate and Research Department of studies in Business Management, Commerce, Economics, Sociology, Geology, Development Studies and Anthropology among others that would facilitate the theoretical and practical issues connected with the proposed centre of design and manufacture in wood-based industry.

There is also a well-established Chamarajendra college of Visual Arts affiliated to University which offers Bachelor and Master programmes in Fine Arts.

University has recognized an institute in Bangalore: Shristi Institute of Art, Design and Technology which has got the state-of-the-art facilities and offers well-designed four-year Bachelor and two-year Master degree courses in ‘Industrial Arts and Design’ wherein
nearly 1300 students pursue professional education. To name some of the subjects of study
a) Basic Furniture Design b) Design Futures c) Form studies d) Model Making and
Prototyping e) Understanding Technique etc.

4.5.3 UNIVERSITY – INDUSTRY CELL

University has established University-Industry cell to further the linkages between academic
learning and industrial, societal experience. There are several MoU’s in this direction.

4.5.4 MYSORE: A HOME FOR WOOD (SANDAL)-BASED HANDICRAFTS

University of Mysore has seen the traditional Knowledge has since the days of the
founding. And, Mysore itself is known for wooden carvings, and Sandal wood handicrafts
and its proximity and connectivity by road and rail to Channapatna (hub for toys
manufacture), Ramanagara (known for silk industry) and Coorg (known for wood) as well
as to other parts of the state and outside State. Mysore is also known as international
tourist destination.

These factors— Academic, industrial, infrastructural, cultural, historical, business, tourist and
geographical location— prompt the establishment of the centre in University of Mysore.

4.6. THE PPP MODEL

Efforts will be made to develop the centre with support from private sector. Wood
handicraft being a highly skilled area, it is necessary to involve the experts in the field
especially those who are involved in the design, manufacture and marketing of such
crafts. Mysore houses many such centres, The Bombe mane and the Mysore Handicrafts
to name a few. Efforts will be made to involve persons from such organization both at the
decision-making level as well as functional level.

4.7. DETAILED PLAN OF ACTION

The Centre will be established as an autonomous unit of the University of Mysore.

The stages of establishment are:

1. Obtaining approval from the authorities for starting this centre at Mysore.
2. Preparing the statutes for operational purpose.
3. Identifying the location for housing this centre on campus.
4. Identifying the coordinating officials and staff of the centre and sanctioning the
   budget.
5. Preparation of various curriculum and course contents by inviting subject experts and industry experts.

6. Issuing the notifications for regular programmes with calendar of events.

7. Conducting the programmes as per schedules.

8. Conducting review meetings and BOM meetings as per norms

Following are the details of the centre:

The Organogram includes the following Organisational structure of the Centre:

1. Board of Management (BOM)
2. Director of the Centre
3. Heads of the Divisions
4. Administrative section

Board of Management (BOM):

This body will be responsible for all academic, administrative and financial affairs of the Centre and will oversee its activities and give directions and focus so that its functioning be continued on a high level of quality and thereby attain and maintain excellence.

The Organisational Structure of the BOM of the Centre is as follows:

1. The Vice-Chancellor of the University as Ex-Officio Chairman of the Board of Management (BOM)
2. Registrar of the University of Mysore- Member
3. Director, Planning, Monitoring and Evaluation Board, University of Mysore- Member
4. Three experts from industries by nomination by chairman (3)
5. Nominee(s) of the Karnataka Knowledge Commission (2)
6. HOD of the Division of the Centre nominated by the chairman (1)
7. The Director of the Centre- Member Secretary.

- The term of office of the nominated members shall be two years, except the ex-officio members.
- Any casual vacancy of member caused by death, resignation, or other reason, shall be filled up by the Vice-Chancellor for the unexpired term of office of the member ceasing to hold office.
- The Board of Management shall meet at regular intervals, at least once in six
months.

- The Board of Management shall serve as the academic guide as well as the policy-making and advisory body for the Centre.

- Seven members shall form the quorum for the meeting. No quorum for holding the adjourned meeting shall be necessary.

- The Vice-Chancellor shall preside over the meeting, and in his absence, any member nominated by him shall preside.

- Every question shall be decided by a majority of votes of the members present. In case of equality of votes, the Chairman shall have a casting vote in addition to his vote as a member.

- Record of Meetings: Record of the business transactions of the BOM shall be maintained properly. Copy of the minutes of the meetings of Board of Management shall be forwarded to the University. Director of the Centre is to maintain to record the proceedings.

### 4.8. THE UNITS OF THE CENTRE FOR EXCELLENCE

The Centre shall have the following functional units:

1. Directorate
2. Training Division
3. Research and Development Division
4. Design and Manufacturing Division
5. Publicity and Extension Division

(Details - Annexure 2)

### 4.9. THE MAN-POWER REQUIREMENT

<table>
<thead>
<tr>
<th>Staff</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Director- Tenure based</td>
<td>1</td>
</tr>
<tr>
<td>PAs</td>
<td>1</td>
</tr>
<tr>
<td>Research Consultants/Associate Professors</td>
<td>2</td>
</tr>
<tr>
<td>Trainers</td>
<td>2</td>
</tr>
<tr>
<td>Research Assts-</td>
<td>2</td>
</tr>
<tr>
<td>Product developers-</td>
<td>1</td>
</tr>
<tr>
<td>Heads/Coordinators of Divisions</td>
<td>2</td>
</tr>
<tr>
<td>AO-1, Accountant-1, FDC-2, SDC-2</td>
<td>08</td>
</tr>
</tbody>
</table>
4.10. FUNCTIONS OF THE CENTRE

The Centre is fully responsible for:

1. Identifying the training needs of the artisans and conducting regular training programmes to unemployed youth for developing their skills and knowledge in creative handicrafts.

2. Designing and developing curriculum to conduct B.Voc Degree courses in colleges and universities of Karnataka State in areas of Handicrafts, their design elements, manufacture, sales and marketing.

3. Arranging placement opportunities to the students and make them employable in handicrafts

4. Conducting regular workshops to the working artisans to improve their creativity and productivity and to organise seminars and conferences to disseminate the knowledge and development of this sector with all its stakeholders.

5. Carrying-out annual surveys, regular data collection of the Handicrafts industry in Karnataka and collect data on Indian handicrafts industries their factors of growth and concern

6. Conducting periodic research on the socio-economic conditions of the people, and conduct of SWOC analysis of this Industry in Karnataka,

7. To make Policy proposals to the government for improving the system at various levels,

8. Establishing and maintaining permanent Handicrafts Museum for Show-casing the unique qualities of Karnataka Handicrafts.


10. To collaborate with design and manufacturing sectors for linking educational, cultural and socio-economic development

Long-term sustainability:
The Initial seed money to establish the centre shall be provided by the Government of Karnataka. University of Mysore, by following the PPP model would eventually ensure that the centre would become self-sustainable.

The expected expenditure and income generation expected from the centre from training, courses, exhibition, sales, and publications would be as follows:

a) Total Cost: (Budget Estimate)

The Centre is to be funded by the Government of Karnataka, and University of Mysore to provide space, and initially required minimum infrastructure. It is expected that the centre will become self-sustainable by the 4th year of its establishment. The financial details are given as follows (Rs. Lakhs)

ESTIMATED EXPENDITURE:

<table>
<thead>
<tr>
<th>Budget Head</th>
<th>Year-1</th>
<th>Year-2</th>
<th>Year-3</th>
<th>Year-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Recurring</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Machineries + Power Backup + Vehicle</td>
<td>75</td>
<td>25</td>
<td>40</td>
<td>20</td>
</tr>
<tr>
<td>Recurring</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staff Salary</td>
<td>20</td>
<td>30</td>
<td>40</td>
<td>50</td>
</tr>
<tr>
<td>Contingency &amp; consumables</td>
<td>05</td>
<td>05</td>
<td>05</td>
<td>05</td>
</tr>
<tr>
<td>Training of participants (5 prog per year)</td>
<td>05</td>
<td>05</td>
<td>10</td>
<td>05</td>
</tr>
<tr>
<td>Conducting Courses /students</td>
<td>05</td>
<td>05</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Field work, surveys</td>
<td>02</td>
<td>05</td>
<td>10</td>
<td>05</td>
</tr>
<tr>
<td>Meetings/ workshops</td>
<td>02</td>
<td>5</td>
<td>10</td>
<td>05</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>01</td>
<td>05</td>
<td>05</td>
<td>05</td>
</tr>
<tr>
<td>Total</td>
<td>115</td>
<td>85</td>
<td>130</td>
<td>105</td>
</tr>
</tbody>
</table>
ESTIMATED INCOME:

The income earned by the centre over a period of time is given below (Rs. In Lakhs)

<table>
<thead>
<tr>
<th>Source</th>
<th>First year</th>
<th>Second year</th>
<th>Third year</th>
<th>Fourth year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee and other sources from participants and students</td>
<td>05.00</td>
<td>15.00</td>
<td>30.00</td>
<td>45.00</td>
</tr>
<tr>
<td>Sale of products, publications</td>
<td>05.00</td>
<td>10.00</td>
<td>25.00</td>
<td>30.00</td>
</tr>
<tr>
<td>Govt. project-consultancies</td>
<td>05.00</td>
<td>10.00</td>
<td>25.00</td>
<td>30.00</td>
</tr>
<tr>
<td></td>
<td>15.00</td>
<td>35.00</td>
<td>80.00</td>
<td>105.00</td>
</tr>
</tbody>
</table>

EXPECTED GRANTS AND BALANCING OF INCOME AND EXPENDITURE:

<table>
<thead>
<tr>
<th>NO</th>
<th>INCOME</th>
<th>EXPENDITURE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SOURCE</td>
<td>AMOUNT (Rs. In Lakhs)</td>
</tr>
<tr>
<td>1st Year</td>
<td>Government Grants</td>
<td>100.00</td>
</tr>
<tr>
<td></td>
<td>Income Generated</td>
<td>015.00</td>
</tr>
<tr>
<td>2nd Year</td>
<td>Government Grants</td>
<td>50.00</td>
</tr>
<tr>
<td></td>
<td>Income Generated</td>
<td>35.00</td>
</tr>
<tr>
<td>3rd Year</td>
<td>Government Grants</td>
<td>50.00</td>
</tr>
<tr>
<td></td>
<td>Income Generated</td>
<td>80.00</td>
</tr>
</tbody>
</table>
KJA Recommendation for Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts

<table>
<thead>
<tr>
<th>4th Year</th>
<th>Government Grants</th>
<th>NIL</th>
<th>Recurring and Non-Recurring</th>
<th>105.00</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Income Generated</td>
<td>105.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

GRANTS REQUESTED FROM GOVERNMENT OF KARNATAKA

1ST YEAR: INR 100 LAKHS
2ND YEAR: INR 50 LAKHS
3RD YEAR: INR 50 LAKHS

DELIVERABLES:

1. Training programmes per year -6 programmes (50 participants in each programme).
2. Dropout Student training 3-month duration = 4 Batches per year x 120 students = 480 per year.
3. Artisan Workshops 6 per year= 30 per batch x 6= 180 per year.
4. B.Voc course annual Intake= 40 per year.
5. Research reports/ video documentaries = 12 per year each.
7. Research papers= 20 per year.
8. Workshops / Seminars and conferences = 3 per year.
9. Roundtable meetings with stakeholders =2 per year.
10. BOM meetings= 2 per year.
11. Quarterly Newsletter.

Team of the Project:
KJA Recommendation for
Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts

1. **Prof. Aisha Sherif (Member)**
   Dean, Faculty of Commerce & Management.
P.G. Center, Hassan

2. **Sri. V.A Deshpande (Member)**
   Dean, CAVA (Rtd),
   130/3, Chikkegowdana Koppalu,
   Havala, Mysuru

3. **Prof. T.K Umesh (Member)**
   Dean, Faculty of Science and Technology, DoS in Physics
   MGM, Mysuru

4. **Sri. S.C. Devaramani (Member)**
   Deputy Director of Handicrafts, (Rtd), 13th /B, 2 main, 2nd Cross Kenchana Halli,
   Rajarajeshwari nagar, Bengaluru.

5. **Dr. Nazeer Ahmed (Member)**
   Karnataka Jnana Aayoga,
   Bengaluru

6. **Prof. A. Balasubramanian (Member)**
   DoS in Earth Science
   MGM, Mysuru

7. **The Proprietor (Member)**
   Bombe Mane Handicraft Centre.
   Mysuru

8. **Prof. Yashavantha Dongre (Convener Member)**
   Director Planning, Monitoring & Evaluation Board, University of Mysore, Mysuru.

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**Institutional Support:**

The University of Mysore will support the operational aspects of this centre, by providing the basic facilities to house the centre in an existing building and provide all necessary amenities like health, water, sanitation, electricity, telecommunication and internet facilities, as per requirement and availability.
ANNEXURE -1: GO ON KARNATAKA JNANA AAYOGA (KJA)

Subject: Reconstitution of Karnataka Knowledge Commission.

2) Government Order No. ED 462 URC 2013, dated 28-12-2013
4) Government Order No. ED 354 URC 2016 (Part-1) dated 02-08-2017

Preamble

Karnataka has emerged as the Knowledge Capital of the country. The State needs to take on the global challenges in terms of innovation, conservation of heritage, generation of new knowledge, application of knowledge in every sphere of life, skill development, enhancement of competencies, creation of better human capital to create new knowledge economy besides creation of a more human society. Keeping that in view, the Karnataka Knowledge Commission was constituted in 2008, vide Government Order No: ED 110 URC 2008, dated 5-9-2008 read at (1) above, under the guidance and Chairmanship of renowned Space Scientist Dr. K. Kasturirangan. After completion of term. The Commission was reconstituted and the term was extended till December 28, 2013 vide G.O. read at (2) above. Further, the term of the Commission was extended for 03 years vide Notification read at (3) above. Subsequently, the Commission was re-constituted under the Chairmanship of Dr. K. Kasturirangan vide Government Order No. ED 354 URC 2016 (Part-1) dated 02-8-2017 read at Sl.No.4 above.

The State Government has duly considered the necessity of Knowledge Commission in addressing the key aspects of development of the State with Knowledge and techno – managerial recommendation and advice. Consequently, after taking the role to be played by the Karnataka Knowledge Commission in making Karnataka a Knowledge State and a knowledge economy, in to account, the Government aptly decides to reconstitute Karnataka Knowledge Commission Hence the following order.

GOVERNMENT ORDER NO. ED 354 URC 2016 (Part – 1)

Dated: 25.06.2019

In the circumstances explained above, the Government is pleased to reconstitute the Karnataka Knowledge Commission with the following eminent persons as Chairman and Members.

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Name and Address</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. K. Kasturirangan, Former Chairman of ISRO, Ex- Member (Science), Planning Commission, Gol, Emeritus Professor, National Institute of Advanced Studies, Bengaluru</td>
<td>Chairman</td>
</tr>
<tr>
<td>Sl.No</td>
<td>Name and Address</td>
<td>Designation</td>
</tr>
<tr>
<td>-------</td>
<td>----------------------------------------------------------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Mukund Kadursrinivas Rao Adjunct Professor, NIAS and Head of NIAS Centre for Spatial Analytics and Advanced GIS, NIAS, IISc Campus, Bengaluru</td>
<td>Member - Secretary</td>
</tr>
<tr>
<td>3</td>
<td>Sri. P.G.R. Sindhia Former Minister for Home, Transport and Finance, Government of Karnataka</td>
<td>Member</td>
</tr>
<tr>
<td>4</td>
<td>Sri. Mohandas Pai TV President, MEMG International India Ltd. No. 70, 4th Floor, Grace Towers, Above Navaneeth Motors, Milers Road, Bengaluru – 560052</td>
<td>Member</td>
</tr>
<tr>
<td>5</td>
<td>Prof. Anurag Behar Vice Chancellor, Azim Premji University, PES Institute of Technology Campus Pixel Park, B’ Block Electronic City Hosur Road, Bengaluru</td>
<td>Member</td>
</tr>
<tr>
<td>6</td>
<td>Prof. M. R. Satyanarayana Rao, Ex - Director, Jawaharlal Centre for Advanced Scientific Research (J.N.C.A.S.R), Jakkur, Bengaluru- 560064.</td>
<td>Member</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Nazeer Ahmed, Advisor, World Organization for Research Development and Education, Ex-Scientist, NASA, No. 4, 9th Cross, Jayamahal Main Road, Jayamahal Extension, Bangalore – 560046</td>
<td>Member</td>
</tr>
<tr>
<td>8</td>
<td>Prof. Sunney Tharappan, Director, C.L.H.R.D, Valencia Circle, Mangalore – 575002.</td>
<td>Member</td>
</tr>
<tr>
<td>9</td>
<td>Prof. G. Padmanabhan, Former Director of IISc, Bangalore – 560012.</td>
<td>Member</td>
</tr>
<tr>
<td>10</td>
<td>Dr. Gayatri Saberwal, Institute of Bioinformatics and Applied Biotechnology, Biotech Park Electronics City Phase I, Bangalore – 560100</td>
<td>Member</td>
</tr>
<tr>
<td>11</td>
<td>Prof. S. Sadagopan, Director, IIIT-Bangalore, 26/C, Electronics City, Hosur road, Bangalore – 560100.</td>
<td>Member</td>
</tr>
<tr>
<td>12</td>
<td>Dr. Devi Prasad Shetty, Heart Specialist, Narayana Hrudayalaya, 258/A, Bommasandra Industrial area, Anekal Taluk, Bangalore – 560099</td>
<td>Member</td>
</tr>
<tr>
<td>13</td>
<td>Dr. Rajashekar H. B. Director Jawaharlal Nehru Medical College, Nehru Nagar, Belagavi – 590010</td>
<td>Member</td>
</tr>
<tr>
<td>Sl.No</td>
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<td>Designation</td>
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<tr>
<td>14</td>
<td>Dr. B.M. Hegde, Ex-Vice Chancellor, Manipal University, Ganesh Lower Bendur, II cross, Mangaluru – 575702.</td>
<td>Member</td>
</tr>
<tr>
<td>15</td>
<td>Dr. P. Balakrishna Shetty, Vice Chancellor, Sri Siddartha Academy of Higher Education, Agalakote, B.H. Road, Tumkur – 572 107.</td>
<td>Member</td>
</tr>
<tr>
<td>16</td>
<td>Dr. Mohan Alva, Chairman, Alva Education Society, Vidyagiri, Moodbidri, Dakshina Kannada Dist – 574227</td>
<td>Member</td>
</tr>
<tr>
<td>17</td>
<td>Dr. B N Suresh, Vikram Sarabhai Professor, ISRO Hq, Antariksh Bhavan, New BEL Road, Bengaluru-560 231.</td>
<td>Member</td>
</tr>
<tr>
<td>18</td>
<td>Sri. S V Ranganath, Retd. IAS &amp; Ex- Chief Secretary, GoK.</td>
<td>Member</td>
</tr>
<tr>
<td>19</td>
<td>Smt. Ashwini Nachappa, International Athletic, No. 516, 16th E Cross, 17th A Main Koramangala, 6th Block, Bengaluru- 560094</td>
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</tr>
<tr>
<td>20</td>
<td>Dr. Pulak Ghosh, Professor, IIM-Bengaluru, Dept. of QM &amp; IS, Indian Institute of Management, Bannerghatta Road, Bengaluru – 560076</td>
<td>Member</td>
</tr>
<tr>
<td>21</td>
<td>Prof. K.E. Radhakrishna, Academician, No.6, RIEESH Layout, J C Nagar, Mahalakshmipuram, Bengaluru - 560086</td>
<td>Member</td>
</tr>
<tr>
<td>22</td>
<td>Prof. Basavarajappa K. P, Former Research Fellow, IIM-B, No. 120, 2nd Main, KUS Layout (Next to National Law School of India University), Nagarabhavi 1st Stage, Bengaluru - 560072</td>
<td>Member</td>
</tr>
<tr>
<td>23</td>
<td>Dr. S.R. Patil, Rtd. Professor &amp; Head, Geography Department, Karnataka University, Dharwad</td>
<td>Member</td>
</tr>
<tr>
<td>24</td>
<td>Dr. Angarai Ganeshan Ramakrishnan, Professor &amp; Chairman, Department of Electrical Engineering, IISc, Bengaluru</td>
<td>Member</td>
</tr>
<tr>
<td>25</td>
<td>Prof. O.V. Nandimath, Professor of Law &amp; Registrar, NLSIU, Bengaluru</td>
<td>Member</td>
</tr>
<tr>
<td>26</td>
<td>Dr. Radha Murthy, Director, Nightingales Home Health Services and the Nightingales Medical Trust, Bengaluru</td>
<td>Member</td>
</tr>
<tr>
<td>27</td>
<td>Dr. C.N. Manjunath,</td>
<td>Member</td>
</tr>
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</table>
KJA Recommendation for Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name and Address</th>
<th>Designation</th>
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<tbody>
<tr>
<td></td>
<td>Professor &amp; Head of Cardiology Director, Sri Jayadeva Institute of Cardiovascular, Science &amp; Research, 9th Block, Jayanagar, Bannerghatta Road, Bengaluru - 560069</td>
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</tr>
<tr>
<td>28</td>
<td>Dr. M.K. Shankaralinge Gowda, IAS (Rtd), Ex-Chairman, Karnataka Electricity Regulatory Commission E-79, 6th A Cross, Manyata Residency Behind Manyata Tech- Park, Hebbal Ring Road, Bengaluru – 560045</td>
<td>Member</td>
</tr>
<tr>
<td>29</td>
<td>Prof. S.N. Hegde, Vice-Chancellor (Retd.,)Chairman, Vishranti Kulapatigala Vedike.</td>
<td>Member</td>
</tr>
<tr>
<td>30</td>
<td>Sri. P.N. Nayak, Rtd., Chief Engineer, No. 202, Yadugiri Next Apartment, 11th Main Road, 14th Cross Malleshwaram, Bengaluru – 560003.</td>
<td>Member</td>
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**Ex-Officio Members**

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name and Address</th>
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<tbody>
<tr>
<td>1</td>
<td>Additional Chief Secretary to Government, Finance Department, Government of Karnataka, Vidhana Soudha, Bengaluru-560001</td>
</tr>
<tr>
<td>2</td>
<td>Additional Chief Secretary to Government, Primary and Secondary Education Department, Government of Karnataka, 6th Floor, 2nd Stage, M.S. Building, Bengaluru-560001</td>
</tr>
<tr>
<td>3</td>
<td>Additional Chief Secretary to Government, Medical Education Department Government of Karnataka, 6th Floor, 4th stage, MS Building, Bengaluru-560001</td>
</tr>
<tr>
<td>4</td>
<td>Principal Secretary to Government, Higher Education Department, Government of Karnataka, 6th Floor, 2nd Stage, MS Building, Bengaluru-560001</td>
</tr>
<tr>
<td>5</td>
<td>Principal Secretary to Government, Health and Family Welfare Department, Government of Karnataka, # 105, 1st Floor, Vikasa Soudha, Bengaluru-560001</td>
</tr>
<tr>
<td>6</td>
<td>Principal Secretary to Government, Information Technology, Bio Technology and Science &amp; Technology Department, Government of Karnataka, 5th Floor, 5th stage, M.S Building, Bengaluru-560001</td>
</tr>
</tbody>
</table>

**Term of Reference:**

The Commission shall strive to give recommendations in the following areas.

1. To focus on institution building, policy innovation and excellence in the field of education, health, science and technology, industry, entrepreneurship, research and
KJA Recommendation for
Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts

innovation, traditional knowledge, agriculture, e-governance, rural development, etc.,
and other relevant areas in the context of Karnataka.

2. Build excellence in the educational system to meet the challenges of the 21st century
and increase Karnataka’s competitive advantage in the fields of knowledge.

3. Promote creation of knowledge in all formal and non-formal educational, scientific
and Knowledge institutions of Karnataka.

4. Improve the leadership and Management of educational and knowledge institutions
of Karnataka.

5. Promote knowledge applications in agriculture, rural development, health, industry
and other areas.

6. Enhance the use of knowledge capabilities in making government an effective service
provider to the citizen and promote widespread sharing of knowledge to maximize
public benefit.

7. Promote inter sectoral interaction and interface with the objective of preservation,
access, new concepts, creation, application, dissemination, outreach and services
relating to knowledge.

8. Develop appropriate institutional frameworks to strengthen the education system,
promote domestic research and innovation, facilitate knowledge application in
various sectors.

9. Leverage information and communication technologies to enhance governance
improve connectivity and reduce digital divide.

10. Device mechanisms for exchange and interaction between knowledge System in the
global arena.

11. Conserve indigenous and heritage knowledge in Karnataka for better Utilization of
time tested concepts and knowledge by society.

By Order and in the name of the
Governor of Karnataka
Sd/-
(M.A. AHAMED JHON)
Under Secretary to Government
Higher Education Department (Universities-2)
KJA Recommendation for
Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts

To,

The Complier, Karnataka Gazette -for publication in next issue of the Gazette.

Copy to:

1. Dr. K. Kasturirangan, Former Chairman, ISRO and Former Member (Science), Planning Commission, Government of India. Director, National Institute of Advanced Studies, Bengaluru.

2. The Vice Chairman, Karnataka State Council for Higher Education, Bengaluru.

3. The Vice-Chancellors/Registrars of All Universities.

4. The Executive Director, Karnataka State Council of Higher Education, Bengaluru.

5. Dr. Mukund Kadursrinivas Rao, Adjunct Professor, and Head, NIAS Centre for Spatial Analytics and Advanced GIS, Bengaluru.


7. Sri. Mohandas Pai T V, President, MEMG International India Ltd., No. 70, 4th Floor, Grace Towers, Above Navaneeth Motors, Milers Road, Bengaluru - 560052.

8. Prof. Anurag Behar, Vice Chancellor, Azim Premji University, PES Institute of Technology Campus Pixel Park, B’ Block Electronic City Horas Road, Bengaluru.


12. Prof. G. Padmanabhan, Former Director of IISc, Emeritus Professor Department of Biochemistry, Indian Institute of Science Bangalore – 560012.


14. Prof. S. Sadagopan, Director, IIT-Bangalore, 26/c, Electronics City, Hosur road, Bangalore – 560100.

15. Dr. Devi Prasad Shetty, Heart Specialist, Narayana Hrudayalaya, 258/A, Bommasandra Industrial area, Anekal Taluk, Bangalore – 560099.

16. Dr. Rajashekar H B Director, Jawaharlal Nehru Medical College, JNMC Campus, Nehru Nagar, Belgaum – 590010.

17. Dr. B.M. Hegde, Ex-Vice Chancellor, Manipal University, Ganesh Lower Bendur, 2nd Cross, Mangaluru -575002.

19. Dr. Mohan Alva, Chairman, Alva Education Society, Vidyagiri, Moodbidri, Dakshina Kannada Dist – 574 227.
20. Dr. B N Suresh, Vikram Sarabhai Professor, ISRO Hqs, Antariksh Bhavan, New BEL Road, Bengaluru-560 231
21. Shri. S V Ranganath Retd. IAS & Ex- Chief Secretary, Vice-Chairman, Karnataka State Higher Education Council, GOK
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34. PS to Chief Secretary to Government of Karnataka, Vidhana Soudha, Bengaluru.
35. PS to Additional Chief Secretary to Government of Karnataka, Vidhana Soudha, Bengaluru.
36. PS to Additional Chief Secretary & Development Commissioner to Government of Karnataka, Vidhana Soudha, Bengaluru.
37. PS to Additional Chief Secretary to Hon’ble Chief Minister, Government of Karnataka, Vidhana Soudha, Bengaluru.
38. PS to Hon’ble Higher Education Minister, Government of Karnataka, Vidhana Soudha, Bengaluru.
39. PS to Additional Chief Secretary to Higher Education Department, Government of Karnataka, Multi storied Building, Bengaluru.
40. PS to ALL Additional Chief Secretaries/Principal Secretaries/Secretaries, Government of Karnataka, Bengaluru.

41. SGF/Spare Copies
ANNEXURE -2: ADMINISTRATIVE AND FINANCIAL POWERS OF DIRECTOR:

The following powers shall be exercised by the Director of the Centre subject to the various guidelines issued by the University Syndicate from time to time.

a) To sanction and incur expenditure on items in the approved budget include in the following:
   - Purchase of capital goods including office equipment, furniture, air conditioning plants, power generators etc., and their maintenance.
   - Purchase of books, audio / Video tapes, journals, magazines, microfilms etc., and their maintenance.
   - Purchase of consumables, stores, apparatus etc.,
   - Services like water, electricity, telephone, telex, fax, computer facilities, electronic mail and network systems, insurance etc.,
   - Hiring of equipment, vehicles, taxis etc.,
   - Printing, stationery, advertising in media, postage and telegraphs.
   - Hospitality, incidental expenses on visiting faculty and technical and other personal
   - Medical expenses as per University Rules.
   - Repair, maintenance and alterations in civil works, development of garden etc.

b) To initiate the appointment of teaching faculty and to assign teaching and training work to various staff members.

c) To prepare schedule of work and allocate among staff members.

d) To prepare proposal to various activities including budgetary estimates for such activities and for the year.

e) To prepare statement of expenditure and annual budget.

f) To specify from time to time the job requirements of all staff members of the Centre.

g) To sanction payment of advances for purchase of material, for festivals, leave travel, advances, tour advances and advances for other purposes.

h) To sanction leave to the staff as per University Rules.

i) To dispose off scrap equipment, furniture, old records, that are obsolete.

j) To permit staff members to attend to Seminars, Conferences, Trade Exhibitions etc. and sanction expenses for travel and other purposes in this regard.
Teaching and Research Faculty:

1. The Centre shall have Heads of the Divisions, regular teaching faculty, Guest Faculty / Visiting Faculty / Honorary Professors. Research Consultants, Research scholars drawn from different Departments of the university/ institutions, industries etc., who have practical and theoretical knowledge in respective areas of teaching, training and research.
2. Centre shall also appoint adjunct faculty on contract/ tenure basis with the approval of the Vice-Chancellor for a specific training programme.
3. Such of the faculty appointed on contract basis or on guest faculty basis shall be paid honorarium on hourly basis & TA / DA / conveyance allowance as fixed by the Board of Management from time to time from out of the funds generated by the centre.

TRAINING DIVISION: (1-4 repeated under Centres Function)

1. Identifying the training needs of the industry and conducting regular training programmes to unemployed youth for developing their skills and knowledge in creative handicrafts.
2. Designing and developing curriculum to conduct B.Voc Degree courses in colleges and universities of Karnataka State in areas of Handicrafts, their design elements, manufacture, sales and marketing.
3. Arranging placement opportunities to the students and make them employable in this industry.
4. Conducting regular workshops to the working artisans to improve their creativity and productivity and to organise seminars and conferences to disseminate the knowledge and development of this sector with all its stakeholders.

RESEARCH AND DEVELOPMENT DIVISION: (3-4-5-repeated under Centres Functions. Rest can be brought under Centre’s Function)

1. Conducting research in the development of new designs and in quality management.
2. Researching in manufacturing and Marketing strategies
3. Carrying-out annual surveys, regular data collection of the Handicrafts industry in Karnataka and collect data on Indian handicrafts industries their factors of growth and concern
4. Conducting periodic research on the socio-economic conditions of the people, and do SWOC analysis of this Industry in Karnataka,
5. Promoting / proposing policies to improve the system at various levels and submit to the government for consideration.
6. Submit Annual research reports to the Government.
# Design and Manufacturing Division:

This division is responsible for:

1. Creating a knowledge repository of Karnataka Handicrafts Industry with reference to the following aspects:

<table>
<thead>
<tr>
<th>History &amp; Traditions</th>
<th>Jute &amp; Coir Glassware</th>
<th>Crafts World</th>
<th>Textile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legacy of Indian Handicrafts</td>
<td>Conch Shells</td>
<td>Art &amp; Crafts</td>
<td>Introduction of Indian Textile</td>
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<tr>
<td>Handcraft Traditions of India</td>
<td>Leather</td>
<td>Kids Craft</td>
<td>Traditions</td>
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<td>Present Scenario of Indian Crafts</td>
<td>Carpet &amp; Flooring</td>
<td>Indoor Craft</td>
<td>Indian Handlooms</td>
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<td>Buddhist Art Handicrafts</td>
<td>Carpet Design</td>
<td>Craft Show</td>
<td>Main Fabrics</td>
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<td>Mathura School of Art</td>
<td>Woolen Carpets</td>
<td>Holiday Craft</td>
<td>Cotton</td>
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<td>Tribal Crafts-Dhokra Metal Casting</td>
<td>Silk Carpets</td>
<td>Outdoor Craft</td>
<td>Wool</td>
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<td>Pottery Legacy</td>
<td>Durries</td>
<td>Craft Fair</td>
<td>Silk</td>
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<td>Kinds of Pottery: Blue Pottery</td>
<td>Panipat Punjab Durries</td>
<td>Hobby Craft</td>
<td>Weaving</td>
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<td>Pottery Traditions in Bengal Pottery of Delhi</td>
<td>Mats</td>
<td>Winter Craft</td>
<td>Traditions</td>
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<tr>
<td>Terracotta: History &amp; Utility</td>
<td>Chain Rugs</td>
<td>Child Craft</td>
<td>Baluchari</td>
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<tr>
<td>Wood Crafts</td>
<td>Namdas</td>
<td>Craft Room</td>
<td>Jamawar</td>
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<td>Woodcraft Tradition in India</td>
<td>Metal World</td>
<td>Pottery Craft</td>
<td>Brocade</td>
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<td>Sandalwood-Tree of Tropical Forestland</td>
<td>History of Metal Work</td>
<td>Felt Craft</td>
<td>Banarasi Silk Saris</td>
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<td>Cane and bamboo crafts</td>
<td>Bronze: Legends, Utility</td>
<td>Kitchen Craft</td>
<td>Paithani saris</td>
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<td>Crafting Traditions of Himachal Pradesh</td>
<td>Brassware</td>
<td>Wedding Craft</td>
<td>Gara Saris</td>
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<td>Sankheda Furniture of Gujarat</td>
<td>Silverware</td>
<td>Free Crafts</td>
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<td>Toddler Craft</td>
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<td>Paintings</td>
<td>Gems &amp; Jewellery</td>
<td>Glass Blowing</td>
<td>Embroidery</td>
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<td>Heritage of Indian Paintings</td>
<td>Indian Jewellery: Introduction</td>
<td>Craft Shop</td>
<td>Traditions</td>
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<td>Gold Jewellery</td>
<td>Chris Craft</td>
<td>Applique</td>
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<td>Madhubani paintings</td>
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<td>Bead Craft</td>
<td>Chikankari</td>
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<td>Bangles:</td>
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<td>Craft of Research</td>
<td>Phulkari</td>
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<td>Ornaments</td>
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<td>Kalamkari paintings</td>
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<td>Kid Craft</td>
<td>Sozni &amp; Chain stitch</td>
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<td>Kundan Work</td>
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<td>Kathi</td>
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<td>Star Craft</td>
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<td>Country Craft</td>
<td>Sujuni</td>
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<td>Karchobi</td>
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<td>Wood Craft</td>
<td>Sheeshaed: Mirror</td>
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<td>Christmas Craft</td>
<td>Work of Gujarat</td>
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<td>Snow Man</td>
<td>Printing Traditions</td>
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<td>Bibble Craft</td>
<td>Batik</td>
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<td></td>
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<td>Car Craft</td>
<td>Block Printing</td>
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KJA Recommendation
KJA Recommendation for
Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts

Stone Work
History & Traditions
Stone Crafts of Rajasthan
Stone Heritage of Uttar Pradesh
Stone Carving in Tamil Nadu

Games, Toys & Dolls
Toy Crafts in India:
Introduction
Traditional toy making in India
Himachali Dolls
Toy from Andhra Pradesh:
Etikoppaka Dolls of Punjab
Pachisi

Jewelry
Valentine
Tie & Dye
The Art of Theva
Paper Crafts
Resist Printing
Gemstones:
Needle Work
Crafts
Introduction
Crochet
Stones
Applique
Shawl the mantle
Main Precious Stones
Quilting
of warmth
Diamonds
Patch work
Quilt
Pearls
Paper Tole
Navratna:
Jean Corder Clarke
Precious Nine Gems
Patch work
American Diamond Jewelry

2. To promote design of the Art World in terms of the following:

<table>
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<tr>
<th>Art Form</th>
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<th>Art Form</th>
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<tr>
<td>Weaving</td>
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<td>Art Class</td>
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<td>Art of Living</td>
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<td>Leather carving</td>
<td>Art of Noise</td>
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<td>Dragon Art</td>
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<td>Leather Stamping</td>
<td>Fine Art</td>
<td>Nail Art</td>
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<td>Art Museum</td>
<td>World Art</td>
<td>Digital Art</td>
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<td>Buddhist Art</td>
<td>Van Art</td>
<td>Nude Art</td>
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<td>Pop Art</td>
<td>Garden Art</td>
<td>Body Art</td>
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<td>Art of Noise</td>
<td>Folk Art</td>
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<td>Dragon Art</td>
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<td>Tattoo Art</td>
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<td>Art Game</td>
<td>Art Book</td>
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<td>Art Painting</td>
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<td>Art Pepper</td>
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<td>Art Instruction</td>
<td>Chinese Art</td>
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<tr>
<td>Garden Art</td>
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</tbody>
</table>
3. Carry out new product developments, sustainable product development, cost-effective product and provide technical manuals for production and manufacture at large scale.

**PUBLICITY AND EXTENSION DIVISION:**

1. Release industry newsletters, press notes of the activities.
2. Conduct extension programmes in schools and colleges, industrial cluster locations.
3. To organise collaborations with NGOs, industries and manufacturing sectors.
4. (underlined para can be brought under Centre’s functions)
Establish a Centre of Excellence for the Design and Manufacture of Toys, Woodwork and Bamboo Products. KJA TC noted that Dr Nazer Ahmad had proposed that the State Government establish a Design Center of Excellence for protecting, encouraging and development of the Design and Manufacture of Toys, Woodwork and Bamboo Products. He suggested that any of the Universities (say Mysore University) could host such a Centre – Mysore is a traditional hub for toy manufacture, silk, woodwork and bamboo products and provides jobs to thousands of artisans in small scale industries operating in what is essentially a stratified retail market bereft of innovation and knowledge based design. he proposed Design Centre will help scale up the design and manufacture of these products so that they can successfully compete in the emerging market place.

- KJA TC appreciated the idea of a design Centre of Excellence for toys and traditional crafts.
- It was suggested that the proposal could be discussed with Mysore University to explore their interest and a more comprehensive proposal could be forthcoming from them. KJA Secretariat to facilitate this interaction between Mysore University and Dr. Nazer Ahmad for further action.

(Action: Member-Secretary, KJA TC to facilitate interaction of Dr. Nazer Ahmad to Mysore University)
KJA Recommendation

Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts
ANNEXURE -4: MINUTES OF MEETING WITH VC-UOM

Karnataka Jnana Aayoga
(Karnataka Knowledge Commission)

Gist of the discussion held with Vice-Chancellor, Mysore University and Prof. Nazeer Ahmed, KJA

Date: Jan 24, 2015
Venue: Office of the Vice-Chancellor, Mysore University.
Time: 11:30 AM-12:10 PM

Members Present:

1. Prof. K.S. Rangappa, Vice-Chancellor, Mysore University
2. Prof. Nazeer Ahmed, KJA Member
3. Dr. B.S. Vishwanath, Professor, Department of Studies in Biochemistry, MU
4. Prof. Ravi, Professor of Statistics and Director, Planning, Monitoring and Evaluation Board, MU
5. Prof. Manjunath, Professor of Sericulture, MU

KJA Secretariat
6. Dr. Padmavathi. B.S., Senior Research Associate, KJA

A) Agenda

To explore the interest of Mysore University in anchoring the proposal to ‘Establish a Centre of Excellence for the Design and Manufacture of Toys, Woodwork and Bamboo Products’ submitted by Prof. Nazeer Ahmed.

B) Background

Prof. Nazeer Ahmed, KJA Member, had submitted a proposal to ‘Establish a Centre of Excellence for the Design and Manufacture of Toys, Woodwork and Bamboo Products’- around a college/university in the Ramanagar-Mysore corridor which is a traditional hub for toy manufacture, silk, woodwork and bamboo products which would also provide jobs to thousands of artisans in small scale industries operating in what is essentially a stratified retail market beret of innovation and knowledge based design. Prof. Ahmed’s proposal proposes to establish a Design Centre that will help scale up the design and manufacture of these products so that they can successfully compete in the emerging market place. KJA in its 2nd meeting held on September 22, 2014 had considered the proposal and endorsed the idea of setting up of a Centre of Excellence for the Design and Manufacture of Toys, Woodwork and Bamboo Products and suggested “anchoring” this excellent proposal within some institution (University or GoK department or others) is important and towards this suggested that a meeting be organised between Dr. Nazeer Ahmed and Mysore University to explore whether there is interest and potential for such a Centre anchoring in Mysore University.
To take this forward Member Secretary, KJA, wrote to Prof. K.S. Rangappa (No. KJA/Tech/GC-1/2014/45 dated November 20, 2014) requesting him and relevant experts at Mysore University to meet Dr. Nazeer Ahmed to discuss the proposal and to explore whether Mysore University will be willing and agreeable to "anchor" such a Centre.

Accordingly, KJA Secretariat scheduled a meeting with Vice-Chancellor and Prof. Nazeer Ahmed on January 24, 2015.

C] Presentation

Prof. Nazeer Ahmed briefing about the proposal stated that the proposal addresses the gap between international market and our design and manufacturing capabilities in the traditional sectors of toy manufacture, woodwork and bamboo products. The need to close this gap is pressing as India opens to international retail competition. The proposed location for setting up of the Centre is at a college/university in the Ramanagar-Mysore corridor as this corridor is a traditional hub for toy manufacture, silk, woodwork and bamboo products. The proposed Design Centre will help scale up the design and manufacturing of these products so that they can successfully compete in the emerging markets.

D] Actions

1. Vice-Chancellor endorsed the proposal and agreed in principle to ‘anchor’ setting up of a Centre of Excellence for the Design and Manufacture of Toys, Woodworks and Bamboo Products’ within their campus premises.

2. Vice-Chancellor agreed to develop a joint proposal by Prof. Nazeer Ahmed and Mysore University and would be placed before the Syndicate for approval. Approved proposal would be submitted to KJA by first week of March 2015.

3. As a part of their Action Plan, Vice-Chancellor stated that an Expert Committee, in consultation with Prof. Nazeer Ahmed, would be constituted to work out a broad outline of the course and implementation mechanism

(Issued with the approval of Prof. Nazeer Ahmed, Member, KJA)

Padmavathi. B.S.
Senior Research Associate

To,

- Prof. K.S. Rangappa, Vice-Chancellor, Mysore University
- Prof. Nazeer Ahmed, Member, KJA
ANNEXURE -5: OFFICE ORDER FOR FORMATION OF KJA -UOM DRAFTING COMMITTEE
KJA Recommendation for Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts

ANNEXURE -6: KJA -EXPERT REVIEW COMMITTEE OFFICE ORDER

Karnataka Jnana Aayoga
(Karnataka Knowledge Commission)
Government of Karnataka

No.: KJA/ERC/CIE/2016 October 14, 2016

OFFICE ORDER

Establishment of KJA Expert Review Committee to evaluate the proposal ‘Karnataka Centre for Excellence in Design and Manufacture of Wood-based Handicrafts’

- KJA has to consider a proposal from University of Mysore to establish a Centre for Excellence in Design and Manufacture of Wood based Handicrafts – this was originally ideated by Prof. Nazeer Ahmed, Member of KJA. The ideation was discussed in in KJA meetings and it was agreed that such a Centre must be anchored in a university system. KJA had suggested that University of Mysore could be requested to interact with University of Mysore for preparing a final proposal for KJA consideration.

- Now that the final proposal has been received from University of Mysore, KJA has decided to constitute an Expert Committee to quickly review the proposal from all angles – relevance and importance of scope of the proposal, viability and implementation aspects, budget/schedule and other aspects and recommend to KJA:
  - Prof. Sadagopan, KJA Member/KJA-TC Chair - Co-chair
  - Dr. Gayatri Saberwal, KJA Member/KJA-MC Chair - Co-chair
  - Dr. Mukund Rao, Member Secretary, KJA - Member
  - Dr. Bibudhurata Baral, Centre Head, NIDs R&D Campus, Bengaluru - Member
  - Mr. Atul Johri, Art and Crafts Designer, Channapatna - Member
  - Representative of ACS, HED - Member
  - Representative of KSHEC - Member
  - Sri. B. Venkatesh, IFS, Managing Director, Karnataka State Handicrafts Development Corporation Ltd - Member
  - Mr. M. Bhupathy, Channapatna Artisan and Member, World Fair Trade Organisation - Member
  - Mr. Khan, President, Delixus, Bengaluru - Member
  - Representative of PS, K&C Department - Member
  - Dr BS Padmavathi, SRA-KJA - Member
  - Secretary

- Dr Nazeer Ahmed and Vice-Chancellor (or his representative) of University of Mysore could participate in meeting and provide inputs on their proposal document.

- The Expert Committee may give its report in 1 month to KJA.

- This order issues with the approval of the Chairman, KJA,

(Mukund Rao)
Member Secretary, KJA

To,
- All Members of Expert Committee

Copy to:
- Dr. Nazeer Ahmed, KJA Member
- Chairman, KJA-TC
- Chairman, KJA-MC
- Vice-Chancellor, University of Mysore
- All KJA Members
ANNEXURE -7: MINUTES OF 1ST EXPERT REVIEW COMMITTEE MEETING

Karnataka Jnana Aayoga
(Karnataka Knowledge Commission)

Minutes of the Expert Committee to evaluate ‘Karnataka Centre for Excellence in Design and Manufacture of Wood-based Handicrafts’ Proposal

Date: October 26, 2016
Time: 11:00-1:00
Venue: Room No. 422, Vikasa Soudha

Members Present:
1. Dr. Gayatri Saberwal, Co-chair, EC
2. Dr. Mukund Rao, Member, EC
3. Dr. Bibhudutta Baral, Member, EC
4. Mr. Atul Johri, Member, EC
5. Mr. B. Venkatesh, Member, EC
6. Mr. Someshkarappa, Member, EC (Representative of ACS, Dept. of Higher Education)
7. Mr. Hari Kumar, Member, EC (Representative of PS, Kannada & Culture Department)
8. Mr. Abdul Hafz Khan, Member, EC

KJA Secretariat:
9. Dr. Padmavathi B.S., Member Secretary, EC

Special Invitee:
10. Prof. Lingaraja Gandhi, (Representative of Vice-Chancellor, University of Mysore)

1. Dr. Gayatri Saberwal, Co-chair of the EC welcomed all the Members and mentioned that the idea/concept was first presented by Prof. Nazeer Ahmed, KJA Member. KJA suggested that Prof. Ahmed explore the interest of University of Mysore to ‘anchor’ the idea and for submission of a detailed proposal. Accordingly, KJA Secretariat facilitated a meeting of Prof. Ahmed with Vice-Chancellor of University of Mysore. Vice Chancellor evinced interest and a joint proposal was submitted to Chairman, KJA in May 2016 for consideration. Chairman suggested obtaining experts’ review of the proposal, based on which the next course of action would be decided by the KJA. Dr. Gayatri requested Prof. Lingaraja Gandhi to present the proposal on behalf of Vice Chancellor.

2. Prof. Lingaraja Gandhi presented the proposal to the EC Members. He briefed them on the scope,
KJA Recommendation for
Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts

objectives, functions, organisational structure and proposed budget of the Centre for Excellence.

Following points emerged from his presentation:

- The proposal is foregrounded in the ‘Skill-India’ mission aimed at developing human resources required for developing economy, industry, society, art and culture. The growing economy urgently needs skilled human resources, and it is part of the educational design to supply the required resources. Linked to this is a urgent need to develop, innovate and promote the indigenous, traditional small scale industries ‘especially the one that have global demand and market.’ This will not only help in preservation of indigenous forms of art, design, culture and tradition but also lead to employment generation, especially in the rural areas where many of these traditional forms of art exist.

- Historically, the state of Karnataka is known for its legacy of arts, crafts, carvings, handicrafts and designs on fabric. The governments of Kamataka and the erstwhile royal rulers of the state have all along encouraged and promoted craftsmanship and artisans. The art of exclusive crafts-making in Karnataka has passed on from one generation to another, thus making it a timeless tradition.

- Presenting the need for the CoE, Prof. Gandhi pointed out that the traditional artisans are dwindling, and craftsmanship is facing competition from technology-based artefacts. Therefore, there is a huge need to train the traditional artisans as well as aspiring artisans in design and innovation and provide them new opportunities through skilling. The proposed Centre of Excellence would address the skilling issues and would also look at how rural youth can be empowered through skill development.

- The proposal is a joint undertaking of UoM and KJA. The Centre would be housed in UoM and seek support from Ministry of Small Scale Industry.

- The objectives proposed are to strengthen university industry linkages; preserve, innovate and promote traditional art and handicraft at international level; conduct training programmes to the unemployment youth for developing their skills and knowledge in creative handicrafts; conduct short term vocational certificate courses to the aspiring candidates; design and develop curriculum in areas of handicrafts, their design elements, manufacture, sales and marketing; conduct workshops for working artisans; undertake surveys, data collection, research on socio-economic conditions of artisans and; to establish a permanent handicrafts to create visibility through on-line and offline modes, documentaries and radio programmes.

- The functions of the Centre would be to design and develop curriculum in areas of Handicrafts, design elements, manufacture, sales and marketing; identify training needs of
the industry; conduct regular training programmes to unemployed youth for imparting knowledge in creative handicrafts; provide placement support to students; organise workshops for working artisans to improve their creativity and productivity and; organise exhibition and conduct annual surveys for data collection of Handicrafts industry in Karnataka as well as in other parts of India to address issues of growth and development of the industry.

- The proposed Centre will have 5 functional units-Directorate; Training division; Research and Development division; Design and Manufacturing division and; Publicity and Extension division. Describing the organisational structure, Prof. Gandhi said that the Centre will have a Board of Management (BOM) with Vice-Chancellor as the Ex-Officio Chairman. The BoM will be composed of Registrar of UoM; 3 experts from industries; 2 nominees of KJA; 1 HoD of the Division of the Centre as Members and the Director of the Centre as Member Secretary. The term of the office of the nominated Members shall be 2 years. The BoM shall serve as the academic guide as well as the policy-making and advisory body for the Centre.

- Total manpower requirement proposed to run the Centre is 37: 1 Director (Tenure based); 1 PA; 4 Heads; 4 Trainers; 8 Research Assistants; 4 Product developers; 1 PRO; 2 CAD Assistants; 1 AO/1 Accountant/2 FDC/2 SDC/4 attnds (10) and; 2 drivers. The estimated recurring and non-recurring expenditure (for 5 years) is 1635 lakhs. The Centre would be fully funded by UoM.

- Key deliverables of the Centre would be training about 500 artisans per year; undertaking research in areas of handicrafts; producing handicrafts, bringing out newsletters, bi-annual research journal and conducting workshops, exhibitions and seminars; empowerment of youth through training; bring out innovative design materials which could be replicated by the artisans; and increase artisans sales potentials.

- The University will fully support the operational aspects of the proposed centre by providing basic facilities to house the centre in an existing building and provide necessary infrastructure. University will also assist the Centre in curriculum and course design, introduction of B-voc programmes, teaching, conducting examination and certification.

OPEN DISCUSSION

3. Mr. Atul Johri welcomed the idea and inquired about the need to house the Centre in UoM as Channapatna Crafts Park already exists in the region. Sharing his experience, he mentioned that he has been working in and with Channapatna artisans from past 11 years and a major challenge that he has noticed is product ‘design’. Another important aspect that needs attention is resource/raw material availability. Currently, the artisans in this region are using wood for their crafts and this may
be exhausted in 5-10 years from now. This calls for diversification and finding alternate raw materials. Talking about consumers, he noted that today’s consumers are dynamic and expect products with global standards. Handmade products have more value overseas and this must be conveyed to our artisans. Referring to the challenges of attracting and retaining young artisans, he mentioned that their aspirations are short lived and there is a strong need to build a model that would attract youngsters to pursue this art as a long-term, sustainable activity. He said that the proposed Centre must address all these issues and bring respect to artisans and their products.

4. Mr. B. Venkatesh, MD, Karnataka State Handicrafts Development Corporation Ltd., mentioned that the State government has established a Gurukula in Shimoga wherein certificate courses on arts and handicrafts are offered to aspiring candidates. He noted that with all the facilities, including stipend to students, the institution is short of sufficient number of candidates. He expressed his apprehension about how the new Centre would attract candidates.

5. Mr. Abdul Khan appreciated the proposal and noted that the sustainability of artisans is a key aspect. Finding a market for artisans’ products will therefore be critical for their sustainability. A survey may be required to scan the international market to ascertain the demand for handicrafts and of international standards to be adhered to. He added that the University would be the best agency to undertake market research surveys and to understand international standards. University can come up with design standards that adhere to international standards, which can be adopted by artisans. University must also help artisans to reach out to global market to support their sustainability. This, in the long run, would attract young people to take up handicrafts as their profession. Mr. Khan suggested including in the proposal the ways of making composite materials as proposed by Prof. Nazeer Ahmed. He also suggested introducing Key Performance Indicator (KPI) for Directors to determine their continuation.

6. Dr. Bibhudutta Baral, Centre Head, National Institute of Design, concurring on the importance of using composite materials, mentioned that NID is working on various forms of crafts and an important aspect which NID has taken note is that dependency on single (raw) material-say wood—may be challenging in the near future as the resource is limited. He mentioned that some of the handicrafts manufacturing centres in Channapatna are catering to international standards. These are the new game changers in the current eco system and it is important to consider them/their views while setting up the Centre. Citing the example of Jaipur Handicrafts, Dr. Baral mentioned that due to lack of holistic perspective and leadership, the Jaipur crafts have been limited in its spread. The proposed Centre must therefore have a holistic approach to ensure spread and sustainability of artisans.

7. Dr. Mukund Rao mentioned that the proposal is appreciable and is important in the context of sustaining the traditional knowledge of arts and handicrafts and also for a social importance. He
suggested that the proposal could be strengthened to include:

- **Knowledge Value of Proposal objective:** The activity has tremendous knowledge value – research and analysis of the knowledge of arts and handicrafts – especially the wood toys and handicrafts is extremely important. Documenting the knowledge and conduct of research on its technical and societal importance must be the prime goal – this would help the artisans and also create a knowledge bank. The proposal must strengthen the knowledge-goal of the activity and MU will have a major role to play in this academics and research. This must be the core goal of the MU Centre and must be well-detailed in proposal.

- **Social Value of Proposal objective:** With the knowledge value, in tandem is the importance of sustenance of the skills and the people involved in this trade. After all considerable number of people are living on this art and it is important for society to ensure that this group does not dwindle. Mechanisation is leading to dwindling of artisans and handicraft. The social value/impact of the proposal must be highlighted and what MU can do in this regard must be clearly highlighted. University may consider tie-up with community groups and conduct of specific projects, training, documentation etc. to encourage the artisans. This also must be an important goal of the Centre and must be detailed in proposal.

- **Commercial Value of the proposal objective:** Though the commercial value of the arts and handicrafts is high, it should be the endeavour of MU to explore partnerships with key commercial entities and Govt. Undertakings so that the commercial value of the arts gets a fillip. Though, furthering the commercial goal may not be the prime objective of MU, the business aspects and knowledge/training of artisans for improving efficiency, enabling partnerships for better market-access and, in general, a boost to artisans business knowledge could still be the aim of MU. MU may not be appropriate to measure and access the market But can enable links of artisans with centres which take up marketing and be a bridge-role.

- The proposal could be revised considering the knowledge value; social impact and market research. The Centre could work out a 5 year plan and then maybe the further decision on its further operations can be made based on a detailed technical evaluation of the performance of the Centre.

- Dr. Mukund Rao noted that the proposed budget is traditional in its approach – more thought for innovation in Centre and its budget must be worked out. The Centre must have an expert as its Director and he must be give a 5 years term/goal. The Centre must be slim and could bring in a few best of experts/researchers on time-bound contracts of 2-, 3- or 5 years and most of the other research staff and staff could be hired out. Dr. Rao mentioned that introducing KPI to measure the Directors and experts performance would be good and must be included.
Referring to setting up of Museum, he appreciated the idea but cautioned that a Museum has very different dimension and this must not derail the Centre’s goals. Museum would demand good planning, establishing, operations, sustainability etc. and this is best looked in a separate manner and not directly linked to MU Centre – though an internal display/exhibits in Centre would certainly be useful.

With regard to the structure of the Board of Management, Dr. Mukund Rao suggested that an arts/handicrafts Expert must Chair (or Co-chair) and there could also be 2-3 experts from outside in the Board. This would bring external expert inputs and help Centre governance.

8. Dr. Gayatri Saberwal appreciated the proposal and noted that a key aspect that needs to be addressed in the proposal is strengthening existing artisans through appropriate training. The market for handicrafts is very huge and training artisans to suit international market is a challenge. Dr. Gayatri Saberwal noted that the proposal is heavier on academic front and must incorporate market scenario for long term gain - the proposal must be attractive and sustainable. She added that an eco-system must be developed wherein market research would become an ongoing process besides training. She suggested the following points for consideration:

- Proposal doesn’t include expert consultants and also the ratio of non-experts to experts is almost 10:1. This leads to a huge imbalance in the long run affecting the performance/efficiency of the Centre. Therefore, provision for hiring/recruiting expert consultant must be made in the proposal.

- Tenure based Director may not be appropriate. The proposal must suggest a mechanism to retain a good Director.

- The proposal has mentioned about setting up of a museum but no budget has been proposed. University may propose to set up a grand museum at a later phase with detailed budget estimation in place of what has been proposed now.

9. Dr. Gayatri Saberwal read out the feedback of Prof. Sadagopan and Prof. Nazeer Ahmed, sent via email, both dated October 25, 2016 (emails in Annexure I). She requested the Committee Members to send their written feedback to the EC Member Secretary by November 16, 2016.

(Action Point: Expert Committee Members to send their feedback to EC Member Secretary by November 16, 2016)
10. On behalf of the Expert Committee Dr. Gayatri Saberwal requested the University of Mysore to revise the proposal incorporating the suggestions made by the Members by November 14, 2016.

(Action Point: University of Mysore to send the revised proposal to Chairman, KJA and Member Secretary, KJA by November 14, 2016)

Dr. Gayatri Saberwal
(Co-Chair-KJA EC)

To,
- All Members of KJA-EC Members
- All Members of KJA

Copy To,
- Chairman, KJA (for kind information)
KJA Recommendation for
Establishment of Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts
ANNEXURE -8: MINUTES OF 2ND EXPERT REVIEW COMMITTEE MEETING

Karnataka Jnana Aayoga
(Karnataka Knowledge Commission)

Minutes of the 2nd Expert Review Committee to evaluate ‘Karnataka Centre for Excellence (CFE) in Design and Manufacture of Wood-based Handicrafts’ revised proposal

Date: January 2, 2018
Time: 15:00-16:00
Venue: Room No. 422, Vikasa Soudha

Members Present:

1. Mr. Chakravarthi Mohan, IAS, Secretary to Govt., Kannada and Culture Dept.
2. Dr. Gayatri Saberwal, Co-chair, ERC
3. Mr. Abdul Hafiz Khan, Member, ERC
4. Mr. M. A. Ahamed Jhon, Under Secretary to Govt., Higher Education Dept.
5. Dr. Thandava T. N., (Representative of KSHEC, GoK)
6. Prof. Yashaavantha Dongre, (Representative of Vice-Chancellor, University of Mysore)
7. Ms. Rashmi Raj, Member Secretary, ERC

Special Invitee

KJA Secretariat

1. Dr. Gayatri Saberwal, Co-chair of the ERC welcomed all the Members this was followed by a round of introduction. Dr. Gayatri requested Prof. Yashaavantha Dongre to present the revised proposal on behalf of Vice Chancellor UoM.

2. Prof. Yashaavantha Dongre presented the revisions in the proposal to the ERC Members. He briefed them on the highlights of the progress made between the 4th KJA- TC meeting and ERC meeting. Following points emerged from his presentation:

2.1. The proposal is revised in the light of a series of discussions and consultations with local handicrafts center including places from retail side such as Cauvery Emporium and Bombe Mane. It has involved manufactures like Mysore Handicrafts in its discussions in arriving at the revisions made in the current proposal. Inputs have also come in from interactions at the Mysuru Winter Festival which also showcased the wooden handicrafts on a thematic line. This reflects on the potential of this arena.

2.2. Illustrating the issues faced currently by the entire wooden handicraft spectrum he mentioned firstly there is a decline in the number of artisans working in this area. Second, marketing wooden handicrafts is a challenge. This area of work lacks a network for facilitating and even
some of the initiatives already taken up by Govt have failed to sustain these activities till date. Third is the orientation of design in terms of demand from the market. Branding and Geotagging is also essential and all these aspects have been taken care of in the proposed Centre for Excellence proposal.

23. Presenting the need for the CFE, Prof. Yashaavantha Dongre pointed out that the centre will offer a variety of courses, like offering a certification that is currently lacking and not offered at any institute. This will thus be able to recognize and certify the existing artisans along with new ones. The revised proposal addresses both practical and academic issues for wooden handicrafts, since it includes design, manufacture and retailing. Also, it involves studying the market scenario, socio economic condition and how skills are to be upgraded.

24. The revisions proposed after the 4th KJA-TC meeting include realistic evaluation of the manpower of the centre. This has been made optimum to nineteen as compared to thirty-three mentioned earlier. This includes a ‘champion’ director with a great interest in this area and relevant exposure. Younger, enthusiastic members have been identified in the core of the BoM to be constituted. The BoM shall serve as the academic guide as well as the policy-making and advisory body for the Centre.

25. The Budget and costing in the revised proposal has been reworked keeping in view the point to generate supplementary funds like research grants, training grants and seminar grants from other sources. Aid from the GoK will be required for the first three years only. By the fourth year the plan is for the CFE to be self-sustaining without aid. Income will be generated by conducting courses viz: short term – a week’s period focused on particular areas such as marketing or design for the industry; conduct regular training programmes of 3 – 6 months certification course for existing artisans to fine tune their skills; Diploma program to attract new entrants like IT professionals will be offered at the CFE.

26. Prof. Dongre mentioned that the UoM will fully support the operational aspects of the proposed centre by providing basic facilities to house the centre in an existing building and provide necessary infrastructure. The University will also assist the Centre in curriculum and course design, introduction of B-voc programmes, teaching, conducting examination and certification. Pointing to the budget summary, he mentioned that the gap between income and expenditure will be made up for by UoM in case it is required.

OPEN DISCUSSION

3 Dr. Gayatri Saberwal appreciated the revisions made and acknowledged that the revised proposal incorporated the points mentioned by the TC members in its 4th meeting. She added the CFE should have a Vision statement, possibly including a timeline of milestones to keep the multiple proposed activities focused and oriented towards it. She also emphasized need to bring commercial people on board alongside academicians to help make this sector a commercially successful one, so as to benefit all artisans. Further she suggested that the CFE be attractive to receive delegations to the state, since this might enhance market linkages.

4 Mr. Chakravarthi Mohan, Secy, Kannada & Culture Dept. categorically and emphatically stated that the proposal would be hugely successful provided the implementation strategy encompasses
execution in project mode:

4.1. Flag off the multiple planned activities of CFE as separate sub-projects. This will enable fund-raising from different sources for each of them.

4.2. For example, national programmes on skill development can be leveraged. Identify potential of database creation by employability and entrepreneurship to create employment in the field as well and hence take into its ambit of conversion and innovation.

4.3. The CFE could consider brand creation, Patenting and Product Promotion as critical aspects.

4.4. He favored the idea of PPP model that was included in the proposal. This can be enabled by involving departments such as Skill Development Dept. which would then require an empaneled person.

4.5. He appreciated the proposal and gave his approval for its acceptance.

5. Mr. Abdul Khan appreciated the proposal and noted that the Key Result Areas (KRA) have been addressed in the revised proposal in the form of deliverables that are mentioned. He suggested that to further this the Director should have specific KRAs and these should percolate through the entire organizational structure of the CFE. He cited that a widely used method, Continuous Measurable Improvement (CMI), would act as a catalyst for outstanding performance of the proposed CFE.

6. Dr. Gayatri Saberwal approved the proposal and noted that key aspects mentioned by TC are well addressed in the proposal.

7. On behalf of the Expert Review Committee Dr. Gayatri Saberwal requested the University of Mysore to consider the points mentioned above by the ERC Members as the CFE plans and implement its activities. (Action Point: No further need for any documents from the University of Mysore at this point)

Dr. Gayatri Saberwal
(Co-Chair-KJA EC)

To,
- All Members of KJA-ERC Members
- All Members of KJA

Copy To,
- Chairman, KJA (for kind information)
PMEB/01/KJA/2009-10

The Chairman
Karnataka Jnana Aayoga
Vikaasa soudha, 4th Floor
Bengaluru- 560 001.

Respected Sir,

Sub: Submission of Revised proposal to establish “Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts”.
Ref: KJA Technical committee meeting held on 28.11.2017 at KSHEC.

With reference to the above, as suggested in the meeting of the KJA Technical committee held on 28.11.2017, I hereby submit a copy of the Revised Proposal to establish “Centre for Excellence in Design and Manufacture of Wood-Based Handicrafts” at University of Mysore for consideration.

Kindly arrange to sanction a grant of Rs.2 crores as proposed in the revised proposal.

Thank you.

Yours Sincerely,

REGISTRAR
Karnataka Jnana Aayoga
(Karnataka Knowledge Commission)
Government of Karnataka
Room No 432-433 and 438-439, 4th Floor
Vikasa Soudha, BENGALURU – 560001
www.karnataka.gov.in/jnanaayoga