

Minutes

10th Board of Governors Meeting

of

KLE Technological University,

Hubballi, Karnataka

December 9th, 2018 at 2.00 pm

Venue: Conference Room, NOVOTEL Hotel

PUNE



KLE Technological
University

Creating Value
Leveraging Knowledge

The following are the minutes of the Board of Governors Meeting of KLE Technological University, Hubballi which was held on 9th December 2018 at 2.00 pm. at the Conference Room, NOVOTEL Hotel, Pune.

Prof. P.G. Tewari, Dean Academics was asked to conduct the meeting in the absence of Prof. B.L. Desai, Registrar & Member Secretary of BOG. Prof. P.G. Tewari welcomed all the members of the Board of Governors and with the permission of the Chair, Member Secretary, BOG began the deliberations on the Agenda items.

The following Members were Present.

SL	Name	Designation
1	Dr. Prabhakar B. Kore ^{MP} Chairman, Board of Management, KLE Society, Belagavi & Chancellor, KLE Technological University, Hubballi	Chancellor
2	Prof B. S. Sonde Former Vice Chancellor, Goa University & Former Professor, IISc Bangalore. Nominee of UGC.	Member
3	Dr. Sudha N. Murty Chairperson, Infosys Foundation, Bengaluru. Nominee of sponsoring body, KLE Society.	Member
4	Dr. Ashok S. Shettar Vice Chancellor KLE Technological University, Hubballi	Vice Chancellor
6	Prof. Prakash G. Tewari Dean Academics KLE Technological University, Hubballi	Member

The following members have sought leave of absence:

SL	Name	Designation
1	The Principal Secretary/Secretary, Higher Education, Government of Karnataka.	Member
2	The Principal Secretary/Secretary, Medical Education, Government of Karnataka.	Member
3	Prof R. Natarajan Former Chairman, AICTE, & Former Director, IIT Madras. Nominee of sponsoring body, KLE Society.	Member
4	Prof. M.I. Savadatti Former Vice Chancellor, Mangalore University, Veerbhadrha Kripa, Navodaya Nagar, Dharwad-580003	Member
5	Prof. B.L. Desai Registrar KLE Technological University, Hubballi	Registrar

Agenda

Item No.	Particulars	Page No
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BOG 10.3	<p>To consider and approve the recommendations of the Executive Council held on 20th September 2018 on the resolutions of Finance Council of the University held on 14th September 2018.</p> <ul style="list-style-type: none"> • To consider and approve the Audited Statements of the Financial Year 2017-18 • To consider and approve the Budget proposal for the year 2019-20. • To consider and approve term loan of Rs. 10 crores during F.Y 2018-19 and Rs. 7.5 crores in F.Y. 2019-20 for major capital expenditures. 	10
BOG 10.4	To discuss and approve 'Intellectual Property (IP) Policy' of the University.	12
BOG 10.5	To review progress of implementation of the 'Strategic Plan' of the KLE Technological University.	13
BOG 10.6	<p>To discuss and ratify Undergraduate Minor Programme in 'Advanced Manufacturing for Aerospace Applications' that has been instituted by the University during summer semester of the academic year 2017-18.</p> <p style="padding-left: 40px;">I. Scheme and Syllabi of 'Advanced Manufacturing for Aerospace Applications' Minor Program.</p>	14
BOG 10.7	To discuss and approve the University Annual Report for the academic year 2017-18.	16
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	<p>Prof. B.L. Desai, Registrar welcomed all the members of the Board of Governors. With the permission of the Chair, Member Secretary, BOG began the deliberations on the Agenda items.</p> <p>The 9th Board of Governors Meeting of KLE Technological University, Hubballi was held on 11th June 2018 at 10 am at the Senate Hall of KLE Technological University, Hubballi.</p> <p>The following Members were Present.</p> <table border="1" data-bbox="397 546 1464 1585"> <thead> <tr> <th>SL</th> <th>Name</th> <th>Designation</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dr. Prabhakar B. Kore _{MP} Chairman, Board of Management, KLE Society, Belagavi & Chancellor, KLE Technological University, Hubballi</td> <td>Chancellor</td> </tr> <tr> <td>2</td> <td>Prof R. Natarajan Former Chairman, AICTE, & Former Director, IIT Madras. Nominee of sponsoring body, KLE Society.</td> <td>Member</td> </tr> <tr> <td>3</td> <td>Prof B. S. Sonde Former Vice Chancellor, Goa University & Former Professor, IISc Bangalore. Nominee of UGC.</td> <td>Member</td> </tr> <tr> <td>4</td> <td>Prof. M.I. Savadatti Former Vice Chancellor, Mangalore University, Veerbhadrha Kripa, Navodaya Nagar, Dharwad-580003</td> <td>Member</td> </tr> <tr> <td>5</td> <td>Dr. Sudha N. Murty Chairperson, Infosys Foundation, Bengaluru. Nominee of sponsoring body, KLE Society.</td> <td>Member</td> </tr> <tr> <td>6</td> <td>Dr. Ashok S. Shettar Vice Chancellor KLE Technological University, Hubballi</td> <td>Vice Chancellor</td> </tr> <tr> <td>7</td> <td>Prof. B.L. Desai Registrar KLE Technological University, Hubballi</td> <td>Member Secretary</td> </tr> <tr> <td>8</td> <td>Prof. Prakash G. Tewari Dean Academics KLE Technological University, Hubballi</td> <td>Member</td> </tr> </tbody> </table> <p>The following members have sought leave of absence:</p> <table border="1" data-bbox="397 1638 1464 1831"> <thead> <tr> <th>SL</th> <th>Name</th> <th>Designation</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>The Principal Secretary/Secretary, Higher Education, Government of Karnataka.</td> <td>Member</td> </tr> <tr> <td>2</td> <td>The Principal Secretary/Secretary, Medical Education, Government of Karnataka.</td> <td>Member</td> </tr> </tbody> </table>	SL	Name	Designation	1	Dr. Prabhakar B. Kore _{MP} Chairman, Board of Management, KLE Society, Belagavi & Chancellor, KLE Technological University, Hubballi	Chancellor	2	Prof R. Natarajan Former Chairman, AICTE, & Former Director, IIT Madras. Nominee of sponsoring body, KLE Society.	Member	3	Prof B. S. Sonde Former Vice Chancellor, Goa University & Former Professor, IISc Bangalore. Nominee of UGC.	Member	4	Prof. M.I. Savadatti Former Vice Chancellor, Mangalore University, Veerbhadrha Kripa, Navodaya Nagar, Dharwad-580003	Member	5	Dr. Sudha N. Murty Chairperson, Infosys Foundation, Bengaluru. Nominee of sponsoring body, KLE Society.	Member	6	Dr. Ashok S. Shettar Vice Chancellor KLE Technological University, Hubballi	Vice Chancellor	7	Prof. B.L. Desai Registrar KLE Technological University, Hubballi	Member Secretary	8	Prof. Prakash G. Tewari Dean Academics KLE Technological University, Hubballi	Member	SL	Name	Designation	1	The Principal Secretary/Secretary, Higher Education, Government of Karnataka.	Member	2	The Principal Secretary/Secretary, Medical Education, Government of Karnataka.	Member
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	<p>or comments on the minutes of the 8th BOG meeting, which was circulated earlier. There were no specific comments or observations on minutes of 8th meeting.</p> <p>Resolution 9.1: The Board of Governors confirmed the minutes of its 8th meeting of the Board of Governors held on 24th March 2018 at the Board Room of KLE University, J N Medical College campus, Belagavi.</p>
BOG 9.2	<p>To confirm the action taken report on the minutes of the previous meeting held on 11th June 2018.</p> <p>Discussion: Participating in the discussions, Prof. B.S. Sonde, UGC nominee suggested reserving a small percentage for IIT-JEE to attract better ranking students as well as to promote diversity among students. Dr. Prabhakar Kore, Chairman BOG appreciated the suggestion and informed to keep 5% seats reserved for IIT-JEE rankings.</p> <p>Prof. M.I. Savadatti expressed the need to invite eminent persons from abroad and IIT/IIsc for a semester. Prof. B.S. Sonde also suggested identifying expert persons from North-Karnataka region who are serving in US and offer them positions in the University when they are visiting India on sabbatical leave.</p> <p>Prof. R. Natarajan wanted to know the experience of Dr. Ashok Shettar as Chairman of AICTE Examination Committee. To this Dr. Shettar informed the major reforms suggested in his report. He said the first part is about assessment; splitting 'Programme Outcomes' into Competencies and further into Performance Indicators and relating them to questions. Second part is about 'How to overcome rote learning'. It also includes creating experiential learning for the students and how to assess. Prof. Natarajan expressed that the report should become a Handbook with relevant examples.</p> <p>Referring to curriculum structure of first year Prof. B.S. Sonde draw the attention of the members about AICTE's model curriculum and 3 weeks 'Induction Programme'.</p> <p>Resolution 9.2: Resolved to confirm the action taken report on the minutes of the previous meeting held on 24th March 2018.</p>
BOG 9.3	<p>To consider and discuss the revised curriculum structure and new academic initiatives of UG programs approved by the Academic Council.</p> <p>Discussion: Dr. Prabhakar Kore, Chairman BOG asked the Vice-chancellor to send a team of 4 students to sugar Industry for internship. Referring to 'Swachh Bharat Summer Internship' (SBSI) Prof. B.S. Sonde expressed the need for some relevance to the students' domain. Chairman BOG wanted to know how many Hubli-Dharwad students have registered for 'Swachh Bharat Summer Internship'. Prof. M.I. Savadatti said if there is no clarity about how to do this type of internship then he wanted KLE Tech should develop guidance for doing this type internship and communicate to UGC/AICTE. Participating in the discussions Smt. Sudha Murty expressed the need for SBSI and expressed that to become excellent engineer one should be excellent human being. Further madam wanted to know whether University is giving any financial help to BE completed students to start their company. To this Vice-Chancellor said that at</p>

	<p>present only space, furniture and electricity are given, capital should be brought by the graduates who wish to start their company. Prof. B.S. Sonde suggested having neutral examiners to assess 'Start-up Internship Experience' course. To this Smt. Sudha Murty expressed that the startup may not be interested in 3rd person looking at their work.</p> <p>Resolution 9.3: BOG noted the revised curriculum structure that provides an opportunity for UG students to do 'Industry-Internship' for at least 5 months during their 8th semester and the following new academic initiatives of UG programs approved by the Academic Council:</p> <ol style="list-style-type: none"> 1. Swachh Bharat Summer Internship – 3 credit course 2. Institutional Research Project (IRP) Internship – 6 credit course and 3. Start-up Internship Experience (SIE) – 6 credit course
BOG 9.4	<p>To consider and discuss the appointment of Vice-chancellor and Registrar for the second term.</p> <p>Discussion: Dr. Prabhakar Kore, Chairman BOG enquired about the eligibility criteria for both Vice-chancellor and Registrar posts. To this Prof. B.S. Sonde, Prof. R. Natarajan and Prof. M.I. Savadatti replied and informed the eligibility criteria as per Government of Karnataka and UGC.</p> <p>Resolution 9.4: BOG resolved to ratify the action taken by the Chancellor in renewing the appointment of the Vice-chancellor and the Registrar for the second term as per the KARNATAKA ACT NO. 22 OF 2013 THE KLE TECHNOLOGICAL UNIVERSITY ACT, 2012 and the FIRST STATUTES OF THE KLE TECHNOLOGICAL UNIVERSITY.</p> <ul style="list-style-type: none"> • Dr. Ashok S. Shettar is re-appointed as the Vice-Chancellor of the KLE Technological University, Hubballi for a further period of three years and • Prof. B.L. Desai is re-appointed as the Registrar of the KLE Technological University, Hubballi for a further period of one year.
BOG 9.5	<p>Any other subject with the permission of the Chair.</p> <p>Table Agenda 1: To open the fixed deposit accounts with Axis Bank Ltd, Vidyanagar Branch, Hubballi.</p> <p>Discussions: The Vice Chancellor informed the BOG that the University had approached Axis Bank Ltd., Vidyanagar Branch for issuance of Fixed/ Term Deposit as per the rules.</p> <p>Resolution 9.5a: BOG considered the request of the Vice-Chancellor and accorded permission to:</p> <ul style="list-style-type: none"> • Open the fixed deposit accounts with Axis Bank Ltd., Vidyanagar Branch, Hubballi. • Get Fixed Deposits issued from Axis Bank, Vidyanagar Branch for any specified amount as per the requirement of the University.

	<p>Table Agenda 2: To consider and accord permission to raise a loan of Rs.10.00 Crores towards construction of Indoor Stadium.</p> <p>Discussions: The Vice Chancellor requested the BOG to accord permission to raise Rs. 10.00 Crores loan towards construction of a large indoor stadium that would cater to the needs of increasing student population on the campus. He said it will be designed in such a way that it will meet the needs of sports as well as conduct of University convocation and other big events.</p> <p>Resolution 9.5b: BOG considered the request of the Vice-Chancellor and accorded permission to raise Rs. 10.00 Crores loan towards construction of Indoor Stadium.</p>
<p><i>Chairman thanked all the members for their contributions and the meeting was concluded with a vote of thanks to the Chair.</i></p>	

Action Requested: To confirm the minutes of the 9th BOG meeting held on 11th June 2018.

Discussion: The member secretary requested honorable members for any observations or comments on the minutes of the 9th BOG meeting, which was circulated earlier. There were no specific comments or observations on minutes of 9th meeting.

Resolution 10.1: The Board of Governors confirmed the minutes of its 9th meeting of the Board of Governors held on 11th June 2018 at the Senate Hall of the KLE Technological University, Hubballi.

BOG 10.2	To confirm the action taken report on the minutes of the previous meeting held on 11th June 2018.	
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BOG 9.1	<p>To confirm the minutes of the previous meeting held on 24th March 2018.</p> <p>Discussion: The member secretary requested honorable members any observations or comments on the minutes of the 8th BOG meeting, which was circulated earlier. There were no specific comments or observations on minutes of 8th meeting.</p> <p>Resolution 9.1: The Board of Governors confirmed the minutes of its 8th meeting of the Board of Governors held on 24th March 2018 at the Board Room of KLE University, J N Medical College campus, Belagavi.</p>	Noted.
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1. **Swachh Bharat Summer Internship – 3 credit course**
2. **Institutional Research Project (IRP) Internship – 6 credit course and**
3. **Start-up Internship Experience (SIE) – 6 credit course**

India Chip	4	19	5
Humanoid	1	1	1
AEV	14	22	7
IRP-2: Research Projects with External Funding			
IDH	4	8	4
Total	31	64	27

3. **Start-up Internship Experience (SIE):** 93 students registered for this 6 credit course through CTIE with 11 startups on the campus. Students belonging to various engineering disciplines such as Computer Science, Mechanical Engineering and Biotechnology were exposed to various real-world projects during the internship.
The 8-week internship offered students a peek into the corporate world and made them aware of the real-world challenges and how innovation can help overcome these challenges. The experience was also an eye-opener for the young minds to consider entrepreneurship as a real option which might help them become the success stories of tomorrow.
Faculty guides were allocated by the respective department heads. Faculty guides along with industry mentor from the startup company monitored the progress. During 8 weeks of internship 2 reviews were conducted to award the marks.

BOG 9.4	<p>To consider and discuss the appointment of Vice-chancellor and Registrar for the second term.</p> <p>Discussion: Dr. Prabhakar Kore, Chairman BOG enquired about the eligibility criteria for both Vice-chancellor and Registrar posts. To this Prof. B.S. Sonde, Prof. R. Natarajan and Prof. M.I. Savadatti replied and informed the eligibility criteria as per Government of Karnataka and UGC.</p> <p>Resolution 9.4: BOG resolved to ratify the action taken by the Chancellor in renewing the appointment of the Vice-chancellor and the Registrar for the second term as per the KARNATAKA ACT NO. 22 OF 2013 THE KLE TECHNOLOGICAL UNIVERSITY ACT, 2012 and the FIRST STATUTES OF THE KLE TECHNOLOGICAL UNIVERSITY.</p> <ul style="list-style-type: none"> • Dr. Ashok S. Shettar is re-appointed as the Vice-Chancellor of the KLE Technological University, Hubballi for a further period of three years and • Prof. B.L. Desai is re-appointed as the Registrar of the KLE Technological University, Hubballi for a further period of one year. 	<p>Both Dr. Ashok S. Shettar and Prof. B.L. Desai have continued in their present posts as Vice-chancellor and Registrar of KLE Technological University respectively.</p>
BOG 9.5	<p>Table Agenda 1: To open the fixed deposit accounts with Axis Bank Ltd, Vidyanagar Branch, Hubballi.</p> <p>Discussions: The Vice Chancellor informed the BOG that the University had approached Axis Bank Ltd., Vidyanagar Branch for issuance of Fixed/ Term Deposit as per the rules.</p> <p>Resolution 9.5a: BOG considered the request of the Vice-Chancellor and accorded permission to:</p> <ul style="list-style-type: none"> • Open the fixed deposit accounts with Axis Bank Ltd., Vidyanagar 	<ul style="list-style-type: none"> • University has opened the fixed deposit accounts with Axis Bank Ltd., Vidyanagar Branch, Hubballi to procure CNC machine from DMG MORI for our MakerSpace. • The loan of Rs. 10.00 crores towards construction of Indoor stadium will be raised shortly.

	<p>Branch, Hubballi.</p> <ul style="list-style-type: none"> • Open Fixed Deposits at Axis Bank, Vidyanagar Branch for any specified amount as per the requirement of the University. <p>Table Agenda 2: To consider and accord permission to raise a loan of Rs.10.00 Crores towards construction of Indoor Stadium.</p> <p>Discussions: The Vice Chancellor requested the BOG to accord permission to raise Rs. 10.00 Crores loan towards construction of a large indoor stadium that would cater to the needs of increasing student population on the campus. He said it will be designed in such a way that it will meet the needs of sports as well as conduct of University convocation and other big events.</p> <p>Resolution 9.5b: BOG considered the request of the Vice-Chancellor and accorded permission to raise Rs. 10.00 Crores loan towards construction of Indoor Stadium.</p>	
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Action Requested: The BOG is requested to confirm the action taken report on the minutes of the previous meeting held on 11th June 2018.

Discussion: Referring to agenda BOG 9.5 Prof. Ashok Shettar, VC informed the Board that the University has applied for Rs. 10.00 crores loan towards construction of Indoor stadium and it is expected to be sanctioned by the bank shortly.

Resolution 10.2: Resolved to confirm the action taken report on the minutes of the previous meeting held on 11th June 2018.

**BOG
10.3**

To consider and approve the recommendations of the Executive Council held on 20th September 2018 on the resolutions of Finance Council of the University held on 14/09/2018.

- **To consider and approve the Audited Statements of the Financial Year 2017-18 (attached as Annex 1).**
- **To consider and approve the Budget proposal for the year 2019-20 (attached as Annex 2).**
- **To consider and approve term loan of Rs. 10 crores during F.Y 2018-19 and Rs. 7.5 crores in F.Y. 2019-20 for major capital expenditures.**

The 4th Finance Council meeting was held on 14th September 2018 and the recommendations were placed before the Executive Council for consideration and approval on 20th September 2018. The Executive Council approved recommendations of the Finance Council are placed before the BOG for consideration and approval.

The details of the minutes of the finance council meeting are as below.

Agenda Point 4.1: To read and confirm the minutes of the previous meeting held on 16th September 2017.

Resolution 4.1: Resolved to confirm the minutes of the previous meeting held on 16th September 2017.

Agenda Point 4.2: To consider and approve the Audited Statements of the Financial Year 2017-18

Resolution 4.2: The audited statements of the year 2017-18 were approved. The same is recommended for consideration and approval by the Executive Council.

(Ref: Section 54 of Chapter VI of KLE Technological University Act 2012 and Section 19.8(i) of chapter IV of the statutes of KLE Technological University)

Agenda Point 4.3: To consider and approve the Budget proposal for the year 2019-20.

Resolution 4.3: The budget for the year 2019-20 is approved. The same is recommended for consideration and approval by the Executive Council.

(Ref: Section 19.8(i) of chapter IV of the statutes of KLE Technological University)

Agenda Point 4.4: Any other subject with the permission of the Chair.

Table Agenda : To consider and approve term loan of Rs. 10 crores during F.Y 2018-19 and Rs. 7.5 crores in F.Y. 2019-20 for major capital expenditures.

Resolution 4.4: Resolved to approve the term loan of Rs. 10 crores during F.Y 2018-19 and Rs. 7.5 crores in F.Y. 2019-20 for major capital expenditures.

Note: The loan for Rs.10 crores was approved in the 1st Finance Council Meeting. But one of the projects did not begin as planned and only Rs. 4 crores was utilized, hence fresh

approval is taken for the year 2018-19.

Action Requested: The BOG is requested to consider and approve the recommendations of the Executive Council.

Discussion: Participating in the discussion Prof. B.S. Sonde asked for presence of any audit objections in the audited report. To this Vice-chancellor replied no objections were reported. Further, Prof. Ashok Shettar, VC informed that Rs. 12.5 Crores has been reserved for indoor stadium.

Prof. B.S. Sonde wanted to know whether depreciation on buildings is shown in the budget. He also advised to get handing over letter of 'RH Kulkarni Building' to the University.

Prof. B.S. Sonde also advised to set aside 7 to 10% amount for maintenance of buildings.

Resolution 10.3: Resolved to approve the audited statements of the financial year 2017-18, budget for the year 2019-20 and term loan of Rs. 10 crores during F.Y 2018-19 and Rs. 7.5 crores in F.Y. 2019-20 for major capital expenditures as recommended by the 4th Finance Council, which was held on 14th September 2018.

BOG 10.4	To discuss and approve 'Intellectual Property (IP) Policy' of the University (attached as Annex 3).
	KLE Tech recognizes the importance of innovations and assists in translating them into products, processes and services for both commercial benefits and achieves the widest public good. The features of this IP Policy aim to meet such needs and enable KLE Tech to achieve its vision. KLE Tech's IP policy is designed to identify, protect and leverage the bouquet of IPs that is generated from research– patents, copyrights, design rights and trademarks amongst others, that serve the purpose of knowledge diffusion and commercialization.

Action Requested: The BOG is requested to discuss and approve 'Intellectual Property (IP) Policy' of the University.

Discussion: Presenting the IP policy of the University Prof. Ashok Shettar informed how IP policy works with following three cases:

I-A) When IP is generated using KLE Tech's research facilities (significant resources) (Labs, workshops, software and computing systems) jointly by external party and KLE Tech personnel.

I-B) When IP is generated by external party using research facilities (significant resources) of KLE Tech.

I-C) When IP is generated by KLE Tech students and personnel while working with an external party and using their research facilities (significant resources).

Members expressed satisfaction over the 'IP Policy' of the University.

Resolution 10.4: Resolved to approve the 'Intellectual Property (IP) Policy' of the University.

BOG 10.5	<p>To review progress of implementation of the 'Strategic Plan' of the KLE Technological University.</p> <p>The Strategic Plan provides an overarching framework of goals and objectives that establishes priorities and informs decision making and annual budgets. KLE Technological University Strategic Plan 2017-22, as the guiding document for the institution was reviewed and approved by the Executive Council on December 27th, 2016 and the Board of Governors on 17th February 2017. The approved 'Strategic Plan' is being implemented. The first review of progress of implementation was carried out during 6th EC meeting held on 15th March 2018 followed by BOG on 24th March 2018 and the second review by EC was carried out on 20th September 2018 followed by BOG on the same day. The progress of implementation need to be reviewed and reflected upon annually.</p>
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Action Requested: The BOG is requested to review the progress of implementation of the 'Strategic Plan' of the KLE Technological University.

Discussion: Presenting the progress of implementation of strategic plan of the University the Vice-chancellor presented the need for 'OKR' method as KPIs are static and are of use only to make post-mortem. So, to have better control over progress and to make course corrections 'OKR' method is very effective. He presented 'OKRs' of Dean Academics and Dean R&D, which in-turn will get cascaded as HoDs OKRs. By this method there will be proper alignment, which will help to ensure the operational effectiveness by timely attainment of results.

Resolution 10.5: BOG expressed its satisfaction over the progress made in implementation of the 'Strategic Plan' of the KLE Technological University and asked to focus on few goals at a time to get maximum impact.

**BOG
10.6**

To discuss and ratify Undergraduate Minor Programme in 'Advanced Manufacturing for Aerospace Applications' that has been instituted by the University during summer semester of the academic year 2017-18 (attached as Annex 4).

Scheme and Syllabi of 'Advanced Manufacturing for Aerospace Applications' Minor Program.

Background information:

The Indian aviation industry has grown at a rapid pace over the last decade. Now India is the ninth largest civil aviation market in the world and is projected to become the third largest by 2020. Over next 10-12 years, according to a joint report by India Electronics & Semiconductor Association (IESA), NASSCOM and Roland Berger, the market for India's aerospace and defence sector is projected to reach US\$ 70 billion from its present size of just US\$ 1.7 billion.

The Make in India initiative announced by Prime Minister Narendra Modi in September 2014, there are signs that things are changing for the better.

Evidently, as a recent report prepared by CII and its knowledge partner KPMG, explored the possibilities of the sector in India emerging as one of the **shining sectors** says: The aerospace sector in the country is at the inflection point, similar to the telecom and automotive sectors two or three decades ago. Hence it needs sustained government support to develop critical mass, skills and R & D to achieve its full potential.

India desperately needs to build up its aviation manufacturing base without losing further time.

Proposal:

India's fast growing civil aviation sector offers tremendous growth prospects for the aerospace industry in the country. While the Indian automobile industry and the space industry have done quite well, aviation-based manufacturing has lagged woefully behind. Seeing an opportunity here, the School of Mechanical Engineering has collaborated with AEQUS – a leading Indian aerospace sub systems' manufacturing company, located in SEZ, Belgaum to strengthen specialized skills through a Minor program in 'Advanced Manufacturing for Aerospace Applications'. Students spend about 1/3rd of their course duration on AEQUS campus to acquire real-time exposure to advanced processes, tooling and standards. Experts from AEQUS engage students through course offerings along with faculty members from the School. A 3-axis CNC VMC by DMG-MORI, Japan is being procured to help students practice gaining experience in an industry like environment. AEQUS has also offered internship and project work during eighth semester for the students who have successfully completed the minor program. This initiative is expected to enhance the employability of our students in the field.

Minor Program in 'Advanced Manufacturing for Aerospace Applications'

15 credits, 5 courses + Final semester project in an Aerospace Sub systems' Manufacturing Company.

Action Requested: The BOG is requested to discuss and ratify institution of 'Advanced Manufacturing for Aerospace Applications' undergraduate Minor programme and also note the scheme and syllabi of the programme.

Discussion: Prof. B.S. Sonde asked to explore offering SWAYAM, DIPLOMA and CERTIFICATE courses.

Resolution 10.6: BOG ratified the institution of Undergraduate Minor Programme in 'Advanced Manufacturing for Aerospace Applications' and noted the scheme and syllabi of the programme.

BOG 10.7	To discuss and approve the University Annual Report for the academic year 2017-18.
	The KLE Technological University has completed its third year and the annual report for the academic year 2017-18 has been placed before the Board of Governors for approval.

Action Requested: The BOG is requested to review and approve the third annual report of the KLE Technological University.

Discussion: After reviewing the 'Annual Report: 2017-18' Mrs. Sudha Murty made following comments and volunteered to send two annual reports of Infosys Foundation.

- Opening page should carry Chairman's message
- One page should carry 'Connecting Line'. It should be heart touching.
- Use Indian quotes e.g. DVG, Shivarudrappa etc.
- For cover page design conduct competition among students by giving theme.
- Do not repeat photos.

Participating in the discussion Prof. B.S. Sonde mentioned that faculty are important stake holders of the University. Hence, the annual report should include list of retired people and achievers list. He also advised to include listing of faculty publications and he asked the University team to refer IISc reports.

Prof. B.S. Sonde emphasized the need to get NBA and NAAC accreditation. To this Prof. Ashok Shettar, VC mentioned that NBA has identified KLE Tech as one of the two institutions to which 'Washington Accord' team will visit during September 2019.

Resolution 10.7: BOG approved the Annual report of the University for the academic year 2017-18.

BOG 10.8	Any other subject with the permission of the Chair.

Table Agenda No: 10.8a: To consider & approve the Institution of Bachelor of Business Administration a new program of study from the academic year 2019-20, with the student intake of 120.

Discussion: Dr. Ashok Shettar, Vice-Chancellor informed the Board about the need and justification to start the BBA program at KLE Tech. Participating in the discussion Dean Academics informed that the following facilities have been created for the commencement of Bachelor of Business Administration at KLE Technological University.

Sl.No	Facility
1	Classroom of 60 capacity (Student Strength/60) – 2 Class Rooms
2	Computing facility- Computers (including Wi-fi network, software) 3:1 ratio
3	Library – Physical and Digital
4	Administrative (Office, Director/Principal chamber, Visitors Lounge...)
5	Faculty wing (Cubical and Utilities)
6.	Syndicate Rooms – 2 Nos

Resolution 10.8a: Resolved to approve the institution of Bachelor of Business Administration (BBA) from the academic year 2019-20 at KLE Technological University with an intake of 120.

Table Agenda No: 10.8b : To discuss and ratify the Memorandum of Understanding with Coventry University, UK.

Discussion: Vice Chancellor informed that the KLE Technological University wants to create a better learning environment to students and give them a multi-cultural exposure. Hence it has entered into a MoU with Coventry University, one of the leading universities of United Kingdom.

Resolution 10.8b: Resolved to ratify the Memorandum of Understanding with Coventry University, United Kingdom.