

**THE RECTOR'S SPEECH  
FOR  
HIGH SPEED AND HIGH PRECISION  
MACHINING ONE-DAY SEMINAR**

**30<sup>TH</sup> JULY 2002  
PHASE B, WORKSHOP**

**BISMILLAHIRRAHMANIRRAHIM**

**ASSALAMUALAIKUM WBKTH. AND A VERY  
GOOD MORNING**

**PROF. ISMAIL HASSAN  
DEPUTY RECTOR (ACADEMIC)**

**PROF DR. AZHARI SALEH  
DEPUTY RECTOR (DEVELOPMENT AND  
CORPORATE PLANNING)**

**OUR RESPECTED AND DISTINGUISHED  
SPEAKERS**

**PROF. DR ABU ABDULLAH  
DEAN OF UNIVERSITY INDUSTRY CENTRE**

**SENIOR OFFICERS AND DEANS OF  
FACULTY OF KUTKM**

**AND LADIES AND GENTLEMEN**

**1. I LIKE TO START BY CONGRATULATING THE UNIVERSITY AND INDUSTRY CENTRE OR UNIC OF KUTKM ON ITS INITIATIVE IN ORGANIZING THIS SEMINAR ENTITLED "HIGH SPEED AND HIGH PRECISION MACHINING". IT CAN BE VIEWED AS PART OF AN INITIAL EFFORT TO PROMOTE CLOSE COLLABORATION BETWEEN THE UNIVERSITY AND INDUSTRY. I ALSO LIKE TO THANK CDDCAM**

**SOLUTIONS AND TOSHIBA MACHINE CO. LTD THEIR GENEROUS CONTRIBUTION AND SUPPORT TO MAKE THIS SEMINAR A SUCCESS. I ALSO WISH TO EXTEND THE WARMEST WELCOME TO EVERYONE ATTENDING THIS SEMINAR.**

**2. BEFORE I GO ANY FURTHER, FOR THE BENEFIT OF OUR VISITORS, I WOULD LIKE TO TAKE THIS OPPORTUNITY TO TELL SOMETHING ABOUT OUR UNIVERSITY. KUTKM WAS ESTABLISHED ON THE 1<sup>ST</sup> OF DECEMBER 2000 AND IS THE FIRST TECHNICAL UNIVERSITY IN MALAYSIA TO ADOPT THE "HANDS ON" APPROACH IN ITS ACADEMIC PROGRAMMES.**

3. OUR VISION IS TO BE ONE OF THE WORLD'S LEADING INNOVATIVE AND CREATIVE TECHNICAL UNIVERSITIES. WE ARE FULLY COMMITTED IN OUR MISSION TO PRODUCE HIGHLY COMPETENT PROFESSIONALS, THROUGH WORLD CLASS EDUCATION BASED ON APPLICATION ORIENTED TEACHING, LEARNING AND RESEARCH, WITH SMART UNIVERSITY-INDUSTRY PARTNERSHIP IN LINE WITH NATIONAL ASPIRATIONS.

4. AT PRESENT WE ARE OPERATING IN THIS TEMPORARY CAMPUS BEFORE MOVING TO THE PERMANENT

CAMPUS IN YEAR 2004. STUDENTS ENROLMENT AS OF NOW IS ABOUT 1500 AND IS EXPECTED TO REACH THE MAXIMUM NUMBER OF 15,000 BY THE YEAR 2010.

5. THE SUCCESS OF KUTKM IN PRODUCING HIGHLY COMPETENT PROFESSIONALS, TO A LARGE EXTENT, DEPENDS ON STRONG SUPPORT FROM THE INDUSTRY. OUR STRATEGY TO ACHIEVE THIS, AND TO ENSURE ITS SUSTAINABILITY, IS BY PROMOTING SMART PARTNERSHIP BETWEEN THE UNIVERSITY AND INDUSTRY, WHEREBY BOTH SIDES DERIVE BENEFITS. ALSO, WITH INDUSTRIAL INPUTS, WE WOULD BE

ABLE TO PRODUCE RELEVANT GRADUATES.

6. THE UNIVERSITY INDUSTRY CENTRE HAS BEEN ESTABLISHED IN KUTKM TO PLAY THE VITAL ROLE OF BRINGING THE UNIVERSITY AND THE RELEVANT INDUSTRIES CLOSE TOGETHER. "UNIC" SHALL BE THE COORDINATING CENTRE FOR THREE CLOSELY INTER-RELATED PROGRAMMES COVERING POSTGRADUATE, RESEARCH AND DEVELOPMENT, AND CONSULTANCY AND ENTREPRENEURSHIP.

7. TO THIS, LET US GIVE A WARM APPLAUSE TO CADD CAM SOLUTIONS AND TOSHIBA MACHINE CO. LTD FOR THEIR WILLINGNESS TO SHARE KUTKM'S VISION AND MISSION.

LADIES AND GENTLEMEN,

8. THE MENTION OF SMART PARTNERSHIP 20 YEARS AGO WOULD DRAW BLANK AND QUIZZICAL LOOK. BUT NOW WE HAVE REACHED THE SITUATION WHERE PARTNERSHIP IS NOT ONLY A HOUSEHOLD WORD, IT IS ALMOST A CLICHE. THESE DAYS, BUSINESSES, UNIVERSITIES AND INDUSTRIES EVERYWHERE ARE USING PARTNERSHIP

**AND COLLABORATIVE  
ARRANGEMENTS TO LEVER  
RESOURCES AND REMAIN  
COMPETITIVE.**

- 9. AMERICAN PRESIDENT, WOODROW  
WILSON, ONCE MADE THE  
COMMENT: "I USE NOT ALL THE  
BRAINS I HAVE, BUT ALL BRAINS I  
CAN BORROW." THIS  
UNDOUBTEDLY IS A SMART  
STRATEGY FOR GETTING WORK  
DONE. MANY OF US ARE WORKING  
ON THE EDGE, WITH TIGHT  
BUDGETS, GLOBAL COMPETITION,  
CONSTANT TECHNOLOGICAL  
CHANGES, AND THE IMPORTANCE**

**OF INFORMATION AND COMMUNICATION  
TECHNOLOGY.**

- 10. THESE TRENDS HAVE BECOME PART OF  
OUR DAILY OPERATING ENVIRONMENT,  
KUTKM NOT EXCLUDED. HERE, WE NEED  
TO CONSTANTLY MAXIMIZE OUR  
ORGANIZATIONAL CREATIVITY AND  
RESOURCES. WE SEEK SMART  
PARTNERSHIP WITH THE INDUSTRIES  
TO HELP US MEET THESE CHALLENGES.**
- 11. UNIVERSITIES NEED INDUSTRIES TO  
PROVIDE TRAINING PLACES FOR  
STUDENTS WHERE THEY ARE ABLE TO  
LEARN AND GAIN INDUSTRIAL  
EXPERIENCE AS WELL AS PRACTICAL**

SKILLS. THIS IS BECAUSE WE REALIZE THAT THERE IS NO SUBSTITUTE FOR PRACTICAL EXPERIENCE. THE STUDENTS TO BE ABLE TO FEEL AND DO WHAT HAVE BEEN TAUGHT TO THEM IN A PRACTICAL WAY.

12. AT THE SAME TIME, KUTKM IS ALSO WILL BE MORE THAN WILLING TO SHARE KNOWLEDGE AND EXPERTISE WITH INDUSTRIES ESPECIALLY IN THE AREA OF RESEARCH AND DEVELOPMENT AND CONSULTANCY SERVICES. THIS IS VITAL IN ENHANCING THE UNIVERSITY'S ASPIRATION OF

BECOMING ONE THE BEST TECHHNICAL UNIVERSITIES IN THE WORLD.

13. THIS SEMINAR MAY BE SEEN AS ONE OF THE MANY STEPS THAT WILL CONTRIBUTE TOWARDS BUILDING A MORE MEANINGFUL AND SYNERGISTIC RELATIONSHIP BETWEEN KUTKM AND THE INDUSTRIES. IDEALLY, SMART PARTNERSHIPS STIMULATE ORIGINAL "OUT OF THE BOX" THINKING. THEY BRING TOGETHER COMBINATIONS OF MINDS THAT CAN GENERATE NEW DISCOVERIES, FRESH THINKING AND INNOVATIVE SOLUTIONS. THESE ARE VITAL INGRADIENTS FOR RESEARCH AND

**DEVELOPMENT (R&D) ACTIVITIES  
TO BE SUCCESSFUL.**

**14. HOPEFULLY THIS SEMINAR WILL BE  
ABLE TO INJECT NEW IDEAS TO ALL  
PARTICIPANTS AND AT THE SAME  
TIME BENEFIT ALL PARTIES  
INVOLVED. ONCE MORE, I WOULD  
LIKE TO CONGRATULATE THOSE  
INVOLVED IN MAKING THIS  
SEMINAR A REALITY. THE WORD  
SMART PARTNERSHIP ENTRAIN  
WITH IT A WHOLE LEXICON OF  
PHRASES AND WORDS: SYNERGY  
AND SYNERGISTIC RELATIONS;  
LEVERAGE AND LEVERAGING  
RESOURCES; TEAMS AND**

**TEAMWORK; INTERDISCIPLINARY  
INTERACTIONS; COMMUNICATIONS AND  
NETWORKING.**

**15. PUTTING ALL OF THIS TOGETHER, THE  
QUESTION FOR ALL OF US TODAY IS, CAN  
WE BENEFIT FROM THIS SMART  
PARTNERSHIP AND COLLABORATION?  
CAN WE BRING THIS RELATIONSHIP TO  
THE NEXT LEVEL? OR CAN WE WORK  
TOGETHER WITH ONE AIM TO PRODUCE  
FUTURE INNOVATORS, CREATORS,  
INVENTORS AND ENTREPRENEURS? I  
GIVE AN EQUIVOCAL YES TO THESE  
QUESTIONS. WITH THIS NOTE, I  
DECLARE THIS SEMINAR ON HIGH**

**SPEED, HIGH PRECISION  
MACHINING OFFICIALLY OPEN.**

**THANK YOU.**