جامعة الملك سعود
King Saud University
كلية العمارة والتخطيط
COLLEGE OF ARCHITECTURE & PLANNING



Annual report
2013-2014

College of Architecture and Planning


بسم الله الرحمن الرحيم



To achieve international leadership and excellence in building a knowledge society

COLLEGE MISSION

To ensure a quality, comprehensive and perpetual academic environment in the field of Architecture and Urban Planning

Dean's Message



I am pleased to present the College's *2013-14 Annual Report*. This has been an exciting year with many great accomplishments in the College of Architecture and Planning. We will always continue to invest all efforts in our greatest assets: our students and faculty. We will centralize our efforts to attain highest levels of academic achievement and fulfill our obligations to our constituents and to the society at large.

We have just completed the third year of the KSU Strategic Plan 2030, and we are progressing in several other concerns as well. We are sustaining our second year of "Substantial Equivalency" recognition, awarded by the National Architectural Accreditation Board from the United States of America (NAAB), from 2012. God willing we will stay on, for another four more years.

The College has also maintained its administration as an 'ISO9001:2008' compliant administrative body.

We are now on our way closer to another accreditation by the regional National Commission for Academic Accreditation & Assessment (NCAAA). Recently we celebrated the launching of the *Excellence in Urban Planning* (*KSU Excellence Program 1.8*) at the college.

Currently, the College is opening up the door for faculty recruitment and welcomes new candidates with strong academic profile, with innovative qualities and familiarity in the use of modern technology in teaching and learning. We are also anticipating an increasing number of visiting international professors and experts in related studies to our College.

There were also MOUs ratified with foreign universities and institutions in North America and Europe, for collaborations in cultural, academic and research activities. Moreover, these collaborations will also determine our benchmarking partners. We are staying on track in most of the objectives as charted in the College Strategic Planning.

We also believe that the way ahead is full of obstacles and we hope to accomplish the objectives and facilitate developments in all spheres.

Our strength is in the knowledge we propagate. Our quality lies in the constituents we educate. Our core value is academic achievement, plus social responsibility.

This is the conviction we stand by, and this is our effort. May the blessings of Allah, aid us in our task always.

Omar S. BaHammam, PhD**.**
Professor
Dean,
College of Architecture & Urban Planning

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College Consultative Council



Prince Dr. Khalid bin Abdullah Al Mogren Al Saud



Dr. Nasser Bin Abdul Aziz Al-Mubarak



Prince Dr. Abdul Aziz bin Mohammed bin Ayyaf Al Mogren



Eng. Ali bin Mohammed Shuaibi



Prof. Dr. Omar Salem BaHammam



Eng. Abdullah bin Ahmad Bakhsan



Dr. Yousef M. O. Fadan



Eng. Saad bin Mohammed bin Laden

As part of the total quality assurance, the College Consultative Council has a major and significant role in influencing the quality of the students that the College produced. His Highness the Dr. Khalid bin Abdullah Al Mogren Al Saud, the Chairman, welcomed the members of the Advisory Board in the first meeting of the year where the functioning of the Advisory Board was defined and the selection of the President of the Council, was established. Discussions ranged in topics from issues of College strategic objectives to issues of strengthening the bilateral relations between the College and the private sectors, the public (government) sectors as well as the society, who are deemed stakeholders.

His Highness the President of the Council opened the meeting for members to discuss issues including the following:

- To obtain international and national accreditation.
- To increase faculty staff members' research productivity and publications in referred international journals.
- To earn membership for the College in international professional societies.
- The increasing demands of the job market facing the requirements for graduates.

College profile

The College has three academic programs. These are Architecture and Building Science, Urban Design and Urban Planning, both offered at undergraduate and at post graduate levels.

In 1434H these three programs accommodated 680 students out of which 86 students graduated in that year. Presently, the college has 85 faculty members, 46 administrative staffs, 70 Assistant Lecturers and 8 researchers.

The college is an important institution in the kingdom in providing qualified Architects and Urban Planners. Many Architects who are now holding important positions in the Government of Saudi Arabia graduated from this college.

The College of Architecture and Planning is involved in several partnerships with governmental agencies in many 'real-life' projects, exposing students with the academic benefits of these joint venture projects. On the other hand, the partnerships allow the agencies to benefit from the diverse expertise of the faculty members from the College, in all the ensuing projects. In so doing, the College is also expanding its missions and goals in response to the patronage and vision of the leadership of the University.

The College of Architecture and Planning has been engaged in professional and research efforts for years and has established a new Research and Information Center that is a part of the university wide system for research. The College faculty members have been seconded to many institutions throughout the Kingdom to

share their expertise, and will bring home to the faculty their experiences gained. The College of Architecture and Planning has been officially recognized as one of the top three colleges within the university, and architectural education is very well positioned within the academic context to further grow and prosper.



Dr. Omar Salem BaHammam



Dr Yousef M O Fadan



Dr. Abdullah A Althabit



Dr. Muhammad Bahobail



Dr. Abdallah A AlKhayyal



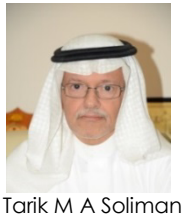
Dr. Abdulaziz M Abu-Sulaiman



Dr. Ali S O Bahammam



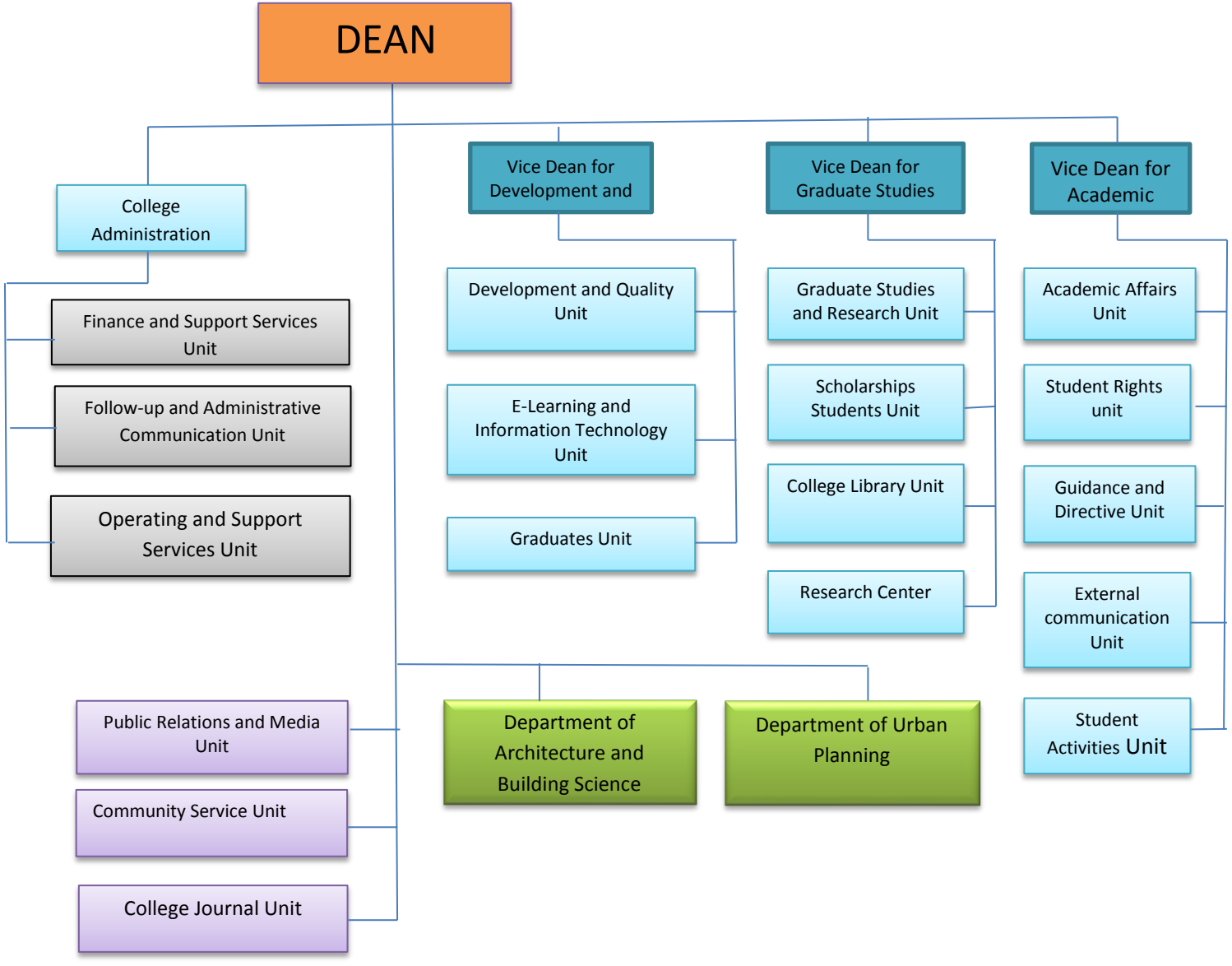
Dr. Nasser A H AlHameeddi



Dr. Tarik M A Soliman

College Council

Organization Structure: College of Architecture and Planning



Faculty & achievements

This academic year 1434 – 1435 began with the appointment of Professor Dr. Omar BaHammam taking the helm as the new Dean of the College. A prominent scholar and educator, he was the Vice Dean for Quality and Development Affairs at the Deanship of Faculties and Personnel for King Saud University before his re-assignment to the faculty as Dean. Under Dean Prof. Dr. Omar, the College set its ambitious agenda which included the review of the curriculum and setting up of a new academic structure for the college. Details of which shall be forthcoming.



Prof. Dr. Mohammad Bahobail



Dr. Mohammad Alissan Al Ghamdi

The other development of the college for the year 2013-2014 were the award given to two of the College's faculty members; Prof. Dr. Mohammad Bahobail and Dr. Mohammad Alissan Al Ghamdi.

Advances made:

+ Memorandum of Understanding with International Universities.

+ Cooperation with some Universities in the training program

+ Setting up of full-scale laboratory outside the college

+ Refurbishing the existing laboratories; adding new equipment and instruments



College Council

College Action Plan

The college Strategic Action Plan objectives and mission from 2011 have much been accomplished accordingly. Out of the six strategic objectives with 41 projects and 144 Performance indicators, we are pleased to say that the bulk of the pertinent issues were either accomplished or exactly on trajectory.

Currently, the college is in the process of preparing for another accreditation for both it Architecture and Building Science Program, as well as the Urban Planning Program, from the regional accreditation body – National Commission for Academic Accreditation & Assessment (NCAAA). Aside from pursuing these ongoing processes and other objectives in the Strategic Plan, we are also compelled to plan for other innovative future goals as well.

Status of the Strategic Action Plan :

First Strategic Objective: **Quality and excellence in education and scientific research in the field of Architecture and Urban Planning**		
No.	Initiative	Action
1.1	To establish a system for quality and continuous development for the College's academic program (The B.A. Stage).	On going
1.2	To link academic programs to the demands of job	Done

	markets.	
1.3	to develop scientific research and Graduate Studies programs.	Done

Second Strategic Objective: **Raising graduates' level of proficiency**		
No.	Initiative	Action
2.1	To establish an interactive system to communicate with students and graduates.	Done
2.2	To develop the students field training program	Done
2.3	To establish a system for students experience exchange with international counterpart programs.	On going
2.4	To develop self-learning skills and students' research skills.	Done

Third Strategic Objective: **Creating Supportive Educational Environment**		
No.	Initiative	Action
3.1	To develop the College's library	Done
3.2	To develop the College's labs, workshops and teaching halls.	Done
3.3	To hold specialist exhibitions in the field of Architecture and Planning.	Done
3.4	To develop students' services.	Done

Fourth Strategic Objective: **Enhancing Abilities of Faculty Staff Members**		
No.	Initiative	Action
4.1	To develop faculty staff members' teaching and evaluation skills.	Done
4.2	To develop faculty staff members' research skills.	Done
4.3	To develop faculty staff members' competitiveness skills.	On going
4.4	To attract excellent faculty staff members and architects.	Done
4.5	To enable faculty staff members to acquire international experiences.	Done

Fifth Strategic Objective: **Building Supportive Administrative System**		
No	Initiative	Action
5.1	To raise the level of proficiency of the administrative staff.	Done
5.2	To create incentives and promotion scheme.	On going
5.3	To meet the requirements of the quality certificate, the ISO.	Done
5.4	To attract distinguished administrative expertise.	Done

Sixth Strategic Objective: **Forging Societal Partnership**		
No.	Initiative	Action
6.1	To increase the effectiveness of the College's Consultative Council.	Done

6.2	To educate the community on the College's activities.	Done
6.3	To increase the College's own resources.	Done
6.4	To sign cooperation agreements between the College and the institutions and organizations of the society.	Done

The gross cost for the implementation of the Strategic Plan was estimated at 73,600,000 SR (Seventy-three Million and six hundred thousand Saudi Riyals), not to mention the cost of the communication plans, risk-management plan, change plan, and follow-up and evaluation plan which was initially estimated to be about 4,000,000 (four million Saudi Riyals). Henceforth, the total gross cost was estimated to be around 77,600,000 (Seventy seven million and six hundred Saudi Riyals) in all.

However, despite all the realizations that the College strived to achieve, it is still hesitant to see the physical completion of the much delayed Meeting Room.



Departmental Affairs

The number of students enrolled in the college for the academic year 1434/1435H was 680 students compared to 790 students for the academic year 1433/1434H. There is a drop in enrollment of 110 students. The reasonable explanation may be due to a change in policy to increase the number of post-graduates intake. The students are distributed between the two departments of the college with an approximate ratio of 1 (planning) to 3 (Architecture), and an average number of graduates reaching 31 in the year 1404-1406H, whereas the average number of those who graduated over the last three years 1432-1434H reached 86. The number of those registered in the post graduate programs for the academic year 1433-1435H totaled 109 students, out of which 102 students registered in the M.A. programs and 7 students registered in the PHD program.

On the other hand, the number of faculty members distributed over the two departments of the college reached 87 in the academic year 1433-1435H, holding different academic ranks: assistant professors, associate professors, and full professors. There are 56 faculty members in the department of Architecture and Building Science, and 31 in the department of Urban Planning, with 60% Saudi nationals. This numbers has tremendously increased between the years 1404-1434, as it jumped from 29 faculty members to 87. In addition to that the college employs 70 tutors and lecturers, 46 administration employees, 8 researchers, and 14 engineers.

The college is in the process of recruiting fresh faculty members to fill positions which have been left vacant. At the moment the college is already considering candidates from various backgrounds especially from United Kingdom, Malaysia, Jordan and India.

The college has so far approved exceptional fresh graduates for further studies abroad in anticipation of future shortages in due time. Most of the approved grants will be for distinctive postgraduate studies in the United States of America or other approved locations.



Prof. Nader Victor Chalfoun



Prof. Amedeo Schiattarella

Architecture and Building Science

VISION

To establish
a school of Architectural Thought
in the domain of Cultural Continuity,
Environmental Sustainability and
Technological Development.



MISSION

Providing & Developing Architectural Education, research & Professional Practice within:

Building & Sustaining Cultural/Environmental Dimensions Keeping abreast Technological Development Maintaining a global Intellectual Dialogue & Exchange Expertise with world academic & professional centers of excellence.

Architecture & Building Science

Department of Architecture and Building Science represent the first nucleus of the College of Architecture and Planning. It was established in 1387H (67/1968) as a section in the College of Engineering at King Saud University, along with other sections like civil engineering, electrical and mechanical engineering sections. It is the first School of Architecture in the Arabian Peninsula and the Gulf region, and gained prominence as the school that graduates the first generation of architects and planners who are holding various important positions in the public and private sectors in the region.

Since its creation, the department of Architecture and Building Science has witnessed continuous progress in preparing qualified students and faculty as well as in developing academic plans and courses.

Upon completion of 160 credit hours the undergraduates obtain their Bachelor Degree either in Architecture and Building Science or Urban Planning. These graduates will have the same opportunity as their engineering counterparts with respect to employment.

The postgraduate program qualifies the graduates for the Master of Science Degree, either in Architecture or Urban Planning, or a PhD in their chosen specializations. The PhD program in Architecture, was started in the academic year 1424/1425 H.



Faculty members of the Department of Architecture and Building Science



Urban Planning

VISION

Leadership in education and dissemination of knowledge in the areas of planning and urban design frameworks and establish positive interaction with the community.

MISSION

Achieve excellence in education and dissemination of knowledge in the fields of urban planning and design and to highlight the identity of belonging to the local environment and provide useful services to the community and contribute to the development of the profession through advanced academic environment meets the requirements of the overall quality.

Urban Planning

The department was created in 1984 as part of the College of Architecture & Planning and is one of only four to be found in the Kingdom. Urban Planning is of paramount importance in the development process and urban organization of cities. The program seemed to complement the demands of the market with the ongoing hyper-development that is changing the cityscapes throughout the Kingdom now.

Despite the paramount roles the program can provide for the development of the Kingdom, it is in fact seeing a downturn in its enrollment numbers of students. The sweeping development that is going on in the cities throughout the Kingdom, is not really attracting new students to this field of study. There is a decrease in enrolment in recent intakes while a seeming rise in unemployment in the job market for graduates.

This evaluation commanded an urgent need for review or redevelopment of the role of the academic program in the College, and for the future of the profession to remain relevant while, consistently attractive to prospective students. Post evaluative studies deliberated by the college board made recommendations to rectify and fulfill the new professional environment and market demands.

Primary measures that seemed appropriate to fulfill new domains in the professional environment and market demands was the introduction of new subjects in the program of study : Housing, Transport and Sustainability.



Department of Urban Planning Board Meeting

Collaborations

The college has been active in forging collaborations with well-known Universities around the globe. The college is in the process of signning with three universities from the States; Virginia Tech University, Portland State University and University of Arizona.

The college also forged collaborations with its Asian counterparts like Universiti Teknologi Malaysia in Malaysia. The University was chosen for its well established Architecture Program that was rated in the top ten listing in Asia. Assoc. Professor Dr. Mohammad Alissan Al Ghamdi from this College is presently working in a joint supervision of a Post Graduate student who is currently finishing his Phd in Malaysia.

Department of Architecture and Building Sciences (DABS) has made continuous efforts to collaborate with regional and international universities in the field of Architecture and Building science. Faculty from other architectural programs within the Kingdom of Saudi Arabia and the Gulf Region universities are continuously invited to attend our school juries and vice versa. On the other hand, experts from Europe and US have also been invited to attend design studios, as well as for reviewing the program course contents to ensure its relevance. The program has continuously supported students' professional training programs both inside the Kingdom and abroad. The Summer Training programs to Germany, Turkey, France, Malaysia, UK and Italy are being conducted every summer to give students international experience, exposure and widen their scope of views.

Several international academic MOUs' (memorandum of understanding**)** have been endorsed and signed between KSU and the following International organizations for the benefits of collaborations and benchmarking:

1. Universitat Stuttgart - Germany.

2. OGER International – France.
3. Research Centre for Islamic History, Art and Culture (IRCICA) – Turkey.
4. OAR, Rome – Italy.
5. IMM, Carrara – Italy.
6. University of Nebraska
7. University of Colorado, Denver
8. University of Nebraska, Lincoln

Also, MOUs are currently in process with Virginia Tech University including its Washington-Alexandria Architecture Centre that houses a consortium of 13 architectural schools, University of Arizona, and Universiti Teknologi Malaysia (UTM). The MOUs with Virginia Tech University and University of Arizona will include a broad scope of collaborations including the following:

- Joint post-graduate programs between College of Architecture & Planning, King Saud University (KSU) and College of Arch & Urban Studies, VT. The degree awarded could be issued jointly or by VT.
- Joint supervision of Masters and Doctoral thesis between KSU & VT.
- Assured placing and enrolment in graduate studies for our teaching assistants at VT.
- Faculty exchange program from both universities. Potential benefit include teaching skills, cooperation in research, exchange of practical experience and keeping abreast of current educational programs.
- Student exchange program especially at the graduate level.
- Potential for cooperation in research programs and advanced studies in areas of interests.
- Exploring experiences in the field of community service, and the possibility of finding new areas of working together.

Innovations/Patent

Shoes Servant Machine:

An invention to store, sterilize and retrieve shoes.



Shoes Servant Machine (SSM) is an invention that enables users to store, sterilize and retrieve shoes in a simple and save method. The SSM helps to keep mosques entrances tidy and clean; it eliminates the negative images of overstock shoes and permanently reduces the emission of bad odors. SSM will contribute to giving

a positive image of a civilized Islam and Muslims, also will contribute to the protection of shoes from theft or loss. The machine is designed and built in a standard uniform that can be installed or assembled according to demand and space requirements.

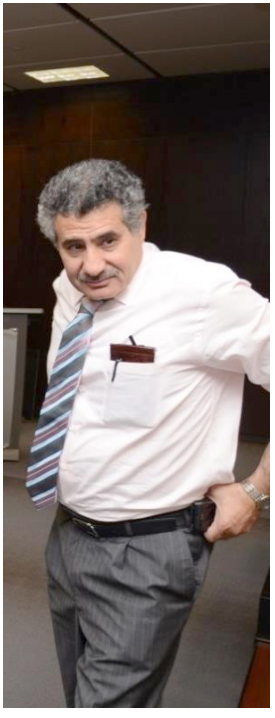
The device can also work in the keeping and retrieving items such as bags or else that should be left temporarily outside mosques, also can be used in places that require shoes replacement such as gyms and fitness places and skiing halls.

Dr. Mohammed bin Said Alissan Alghamdi an associate professor at College of Architecture and Planning is working on the project and is the inventor, The invention is registered in his name in the program of intellectual property and technology licensing at King Saud University.

Events







Invited Speakers giving talk in the college






Visitors to the college





Dean with the visitors to the college



Cafeteria scene in the college





Jury session with external examiners





Antique cars exhibition in conjunction with the jury session



Welcoming the new academic session



Public Lectures

Serial lectures were organized throughout the academic year to enrich the academic environment in the college. Presenters included the faculty members, professionals, as well as invited guests of the College.

1. "Sprawl and Smart Growth "; (5 Muharram 1434H, corresponding to Monday,11/19/2012 G); - Associate Professor Kamarulzaman Bin Yusof (faculty member) .

2 . "The Islamic world cities : the city of a thousand and the City " ; (Sunday 25 Muharram 1434H, corresponding to 12/09/2012G); – Professor Dr Jamal Olayan (faculty member).

3 . " My experience architecture " ; (Tuesday, 23/04/1434H, corresponding to 03/06/2013G); - Engineer M. Al Zamil (consultant)

4 . "Sustainable design strategies " ; (Tuesday, 05/21/1434H corresponding to 04/02/2013G); - Engineer Ali bin Mohammed Shuaibi (consulting engineer).

5 . " Islamic architecture in Uzbekistan "; (Tuesday 20/16/1434H corresponding to 01/05/2013G); - Engineer Dr Mohammed Hussein Ibrahim (in collaboration with the Saudi Umran)

6 . " Design - Amari and sustainable urban planning " ; Associate Professor Dr Samer Baqaeen (University of Brighton , UK).

7 . "Architectural experience "; Tuesday, (14/05/1434H , corresponding to 26/03/2013G); - Engineer Salvatore Faragelito (Counselor in the High Commission for the Development of Ar-Riyadh) .

8 . "The genius of the place and Urbanism "; (Tuesday, 06/26/1434H, corresponding to 05/07/2013G); - Engineer Dr Abdul Aziz Al-Dosari (in collaboration with the Saudi Umran)

9 . "The new features in the program ArchiCad"; - Engineer Dr Walid Nassar (Guest)

10 . "The new prefabricated buildings "; - Engineer Young Bae Hwang (Guest)







College activities

Students Summer Training

Approximately one hundred and eighty- four students (184) from our college went away for the Summer Training Program with government agencies as well as with the private sectors.
Institutions in the government sector includes Project Management Units of universities, municipal bodies, Urban Development Authorities, Housing Authority , the General Authority for Tourism , the Royal Commission for Jubail and Yanbu , King Abdulaziz City for Science and Technology , and engineering departments in various ministries .

The private sector training sites include all engineering consulting offices and major construction companies that are active in the development industry presently.

Foreign training:

The foreign training was part and parcel of the Summer Training program intended to expand the perceptions of our more enthusiastic students. These students were given opportunities to learn about developments in architecture and architectural trends, planning, construction materials, and preservation of historic architectural heritage, with well-established offices abroad.

The administration successfully implemented this educational development goal by providing university scholarship as an opportunity, to nineteen students (19) from the college during the past summer, to do their practical Summer Training in Italy (Rome , Carrera) , Germany, Turkey and Ireland.

It is hoped that these exposure will allow our graduates to provide innovative perceptions in designs and henceforth in the development of the Kingdom in future.



Preparations for foreign training programs
The college announced the availability and importance of Summer Training program for both the internal and foreign training programs and listed the names of interested candidates. The meetings and lectures reviewed the activities of the students and summer training programs of the previous years and explained the benefits well in advance for the prospective potential students. This also allowed time for administrative procedures to take its course in booking visas and travel arrangements and coordination with the various hosts.

The summer training, either local or foreign, are an integral part of the curriculum for the Bachelor degree. The administration made appropriate plans to ensure the integration between educational attainment and practical application for its students based on the actual needs of the labor market requirements in Arabia are achieved. The College of Architecture and Planning pioneered the special summer training programs for its talented students outside the Kingdom since 2004 (1425)









Summer training in foreign office









Summer training in foreign office

College Mission

for the year 2014-2015

The College anticipates both the Departments of Architecture and Building Science and the Department of Urban Planning to be accredited by the National Commission for Academic Accreditation and Assessment (NCAAA) by the end of the year 2015.

Apart from the above, the main mission of the college is to transform the college from knowledge based to a research based entity, and at the same time to provide opportunities for leadership and excellence. However, going this path, is not without its challenges or obstacles, but with the support and participation of all, God willing, we will strive and persevere. The college will tread on new academic framework, on research and professional interactivity, from local, regional and onwards to global networking. God willing, with full backing from the university as always, we will challenge the odds to accomplish our desire to gain our set goals:

1 Excellence in acquired knowledge of the science of the built environment.
2 Collaborations in scientific endeavors with some of the world's most prestigious universities.
3 Retaining all accreditations that was given as recognition for excellence in all College endeavors (for example: Quality in Management (ISO 9001: 2008); Quality in Academic programs: NAAB, and working on the NCAAA, etc)
4 Active involvement at university level extra-curricular activities and programs and participating or contributing more effectively in academic or scientific domains.

5 Provide more extra-curricular activities at College level for its constituents.
6 Allowing the utilization of the specialist academic and scientific facilities in the College to serve the community at large (for example the various labs or its instruments, plotters)
7 Development of the internal environment of the college, including Academic (Studio culture) and Social life (students lifestyle).





This report was edited, designed and printed at the labs of the College of Architecture and Planning

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Academic Year 1434 – 1435H (2013 -2014G)



Annual report

2013-2014