



REPORT ON

**THE ACTIVITIES OF KARNATAKA
STATE HIGHER EDUCATION COUNCIL
(2010-12)**



KARNATAKA STATE HIGHER EDUCATION COUNCIL

PALACE ROAD, BANGALORE 560001

TABLE OF CONTENTS

SL NO		PAGE NUMBERS
A	Message From His Excellency The Governor of Karnataka and Chancellor of Universities	I
	Message from The Honorable Minister for Higher Education and Chairman - K.S.H.E.C	II
	Foreword	III
	Preface	IV
B	CHAPTER I	
	KARNATAKA STATE HIGHER EDUCATION COUNCIL	
	Introduction	1-2
	The Beginning	
	The Enactment	
	Aims and Objectives	
C	CHAPTER II	
	GENERAL COUNCIL	
	Composition of The Present General Council	3-11
	Meetings of The General Council	
D	CHAPTER III	
	EXECUTIVE COMMITTEE	
	Composition of The Executive Committee	12-13
	Meetings of The Executive Committee	
E	CHAPTER IV	
	ACTIVITIES OF THE COUNCIL	
	K.S.H.E.C Website	14-20
	Furnishing Statistics on Higher Education to MHRD	
	Opinion Matters Relating to Universities	
	Advice to The State Government on Academic Matters	
	Visit of Distinguished Dignitaries	
	CONTINUED.....	

	CHAPTER V	
F	INDUCTION AND ORIENTATION PROGRAMMES	
1	Induction Programme for Newly Recruited Teachers of Aided Degree Colleges and Universities	21-22
2	Induction Programme for Newly Recruited Teachers of Aided Degree Colleges and Universities (Second Batch)	23-24
3	One-day Orientation Programme for Newly Appointed Principals of Government and Aided Degree Colleges	25-26
4	One-day Orientation Programme for Newly Appointed Principals of Un-Aided Degree Colleges	27-28
5	Induction Programme for Newly recruited Engineering College Teachers (First Batch)	29-30
6	Induction Programme for Newly recruited Engineering College Teachers (Second Batch)	
G	CHAPTER VI	
	CONFERENCES ON HIGHER EDUCATION	
1	National Conference on Reforms in Higher Education and Public Participation	31-32
2	Workshop on Developing a Database on Higher Education in Karnataka.	33-34
3	Colloquium on Higher Education in 12th Five Year Plan	35-38
H	CHAPTER VII	
	SEMINARS IN DIFFERENT DISCIPLINES	
1	Seminar on Frontiers of Nano-Technology	39-41
2	Seminar on Information Science and Technology	42-43
3	National Conference on Media and Human Rights : The Global Scenario	44-47
4	National Conference on Mathematical Modeling : A Socio-scientific Approach	48-49
5	National Conference on Globalization and Society : Policies and Perspectives	50-51
	CONTINUED.....	

6	National Conference on Quality Management Practices for Organizational Excellence	52-53
7	National Conference on Social Relevance of Nano-materials and Applications : An Interdisciplinary Approach (SNAIA-2011)	54-55
8	National Conference on Perspectives on Health Benefits of Therapeutic Molecules	56-57
9	National Conference on Recent Trends in Communication Technology	58-59
10	National Conference on Integrative Plant Biology and Agri-Biotechnology	60-61
11	National Conference on Conference on Good Practices in Social Work in the Globalized Context	62-63
12	Colloquium on Advances in Material Science: the Global Scenario	64-68
13	National Conference on Recent Advances in Micro Nutrients Research	69-70
14	National Conference on Functional Foods in Health and Well-Being	71-72
15	A Seminar on Classical Languages in Higher Education	73-74
16	A Seminar on Philosophy of Science	75
17	A Seminar on Philanthropic Approaches to Address Contemporary Social Problems	76-78
I	CHAPTER VIII	
	FORTHCOMING EVENTS OF THE COUNCIL	79-80
J	CHAPTER IX	
	PROPOSED PROGRAMMES OF THE COUNCIL	81
H	CHAPTER X	
	MEDIA REPORTS	82

CHAPTER-I

KARNATAKA STATE HIGHER EDUCATION COUNCIL

INTRODUCTION

The Karnataka Higher Education Council has been established by replacing the earlier Inter-University Board. The role of the Council is to evolve perspective plans, add new dimensions to higher education, and foster new ideas in the curriculum development and innovative activities in the field of higher education.

THE BEGINNING

The National Education Policy-1986 and the Task Force on Higher Education set up by the Government of Karnataka in 2002 recommended that state level planning and co-ordination of Higher Education shall be carried out through the Council for Higher Education. Therefore, it was decided that a State Higher Education Council to be set up as a collective of the government, universities in the state, academics and other experts with a view to forge a synergic relationship among them; it shall act as an operational space between the government and the universities on the one hand and between the universities and apex level regulatory bodies on the other with the following objectives:

- To promote academic excellence and social justice by the Government in policy for formulation and perspective planning.
- To ensure autonomy, accountability and co-ordination among all institutions of higher education in the state.
- To facilitate harmonious growth of higher education in accordance with the socio-economic requirement of the state.

THE ENACTMENT

“The Karnataka State Higher Education Council Act – 2010” was enacted by a Gazette Notification on 26.7.2010 by the Government of Karnataka. The same was notified for implementation w.e.f 08.08.2010 by the Principal Secretary to Government, Higher Education Department.

In view of the above developments, the State Government issued an order (No. ED 19 URC 2007 (Part-I) dated: 15th July 2009) constituting the Karnataka State Council for Higher Education, which consisted of 16 eminent educationists as nominated members, besides seventeen Vice-Chancellors of the state universities, Principal Secretaries, — Higher Education, Medical Education, Finance Department, Department of Social Welfare and Department of Law and Parliamentary Affairs, and Adviser to Chief Minister on Education as members.

Sri Aravind Limbavali, the then Honourable Minister for Higher Education was the Chairman of the Council. Professor M.I Savadatti, former Vice-Chancellor, Mangalore University was appointed as the Vice-Chairman and Professor B.R Ananthan, former Professor of Management, University of Mysore as the Member-Secretary.

Thus, the long-felt need of the Karnataka State Higher Education Council came into existence during 2010 with the following aims and objectives:

AIMS AND OBJECTIVES

- Promoting academic excellence and social justice in policy formulation and perspective planning by the government
- Ensuring autonomy, accountability and co-ordination among all institutions of higher education in the state
- Guiding harmonious growth of higher education in accordance with the socio-economic requirement of the state
- To advise the government on the nature and perspective plan of higher education
- To advise the government on innovative ideas, plans and new activities in the field of higher education.
- To guide the government and universities on policy matters of higher education in the state

CHAPTER-II
GENERAL COUNCIL

The Karnataka state higher education council act provides for a higher education council with vice-chancellor of state universities, a nominee of the university grants commission, 10 academicians of repute from different disciplines as members, the principal secretaries of the government, finance department, higher education department, medical education department, primary and secondary education department, agricultural department, horticultural department, animal husbandry and veterinary science department, social welfare, secretaries to government, law and justice, commissioners of collegiate and pre-university education as ex-officio members

COMPOSITION OF THE PRESENT GENERAL COUNCIL IS AS FOLLOWS:

Sl No	Name	Designation
1.	Sri C.T Ravi Honourable Minister for Higher Education, Government of Karnataka	Chairman
2.	Prof. S.C. Sharma Vice-Chancellor Tumkur University, Tumkur.	Vice-Chairman
3.	Prof. K.M. Kaveriappa Executive Director, KSHEC	Member Secretary
4.	Professor V.G. Talwar Vice-Chancellor, University of Mysore, Crawford Hall Manasa Gangothri, Mysore - 570 005.	Member
5.	Professor N. Prabhu Dev Vice-Chancellor, Bangalore University 'Jnana Bharathi', Bangalore - 560 056	Member

6.	Professor H. B. Walikar Vice-Chancellor, Karnatak University Pavate Nagar, Dharwad – 580 003	Member
7.	Professor E. T. Puttaiah Vice-Chancellor, Gulbarga University Jnana Ganga, Gulbarga 585 106	Member
8.	Professor T. C. Shivashankara Murthy Vice-Chancellor, Mangalore University, Mangala Gangothri, Mangalore – 574 199	Member
9.	Professor S. A. Bari Vice-Chancellor, Kuvempu University, Jnana Sahyadri Shankara Ghatta-577451, Dist – Shimoga	Member
10.	Professor A. Murigeppa Vice-Chancellor, Kannada University, Hampi-583 276, Dist. Bellary	Member
11.	Professor K.S. Rangappa Vice-Chancellor, Karnataka State Open University Manasa Gangothri, Mysore – 570 101	Member
12.	Professor Meena Rajiv Chandavarkar Vice-Chancellor, Karnataka State Women's University Basaveshwar Circle, Bijapur	Member
13.	Professor S.C. Sharma, Vice-Chancellor, Tumkur University Tumkur – 572 101.	Member
14.	Professor (Smt) S. Indumathi Vice-Chancellor, Davanagere University Davanagere.	Member
15.	Profesor B. R. Ananthan Vice-Chancellor, Rani Channamma University Vidya Sangama, Bhutramana Hatti, (P-B NH-04),	Member

	Belagavi-591 156	
16.	Professor Manjappa D. Hosamane Vice-Chancellor, Vijayanagara Sri Krishnadevaraya University Jnana Sagar, Vinayak Nagar, Bellary – 583 104	Member
17.	Professor Hanumanna Nayak Dorai Vice-Chancellor, Karnataka State Gangubai Hangal University of Music and Performing Arts 4 th Stage, 2 nd Phase, Basavanahalli Post, Mysore	Member
18.	Professor Mallepuram .G. Venkatesh Vice-Chancellor, Sanskrit University, Chamarajendra Samskrit College Campus, Pampa Mahakavi Road, Chamarajpet, Bangalore	Member
19.	Professor Ambalike Hiriyanra Vice-Chancellor, Karnataka State Folklore University Gotagodi, Shigaon, Dist.Haveri	Member
20.	Professor K. Narayana Gowda, Vice-Chancellor, University of Agricultural Sciences G.K.V.K, Bangalore – 560 032	Member
21.	Professor R .R. Hanchinal, Vice-Chancellor, University of Agricultural Sciences, Dharwad – 580 003	Member
22.	Professor B.V. Patil Vice-Chancellor, University of Agricultural Sciences Lingasugur Road, P.B.No.329	Member

	Raichur – 584 102.	
23.	Professor S. B. Dandin, Vice-Chancellor, University of Horticultural Sciences Sector No.60, Navanagar Bagalkot-587 102.	Member
24.	Professor Suresh Honnappagol Vice-Chancellor, Karnataka Veterinary Animal and Fisheries Sciences University Nandinagar Bidar – 585 401	Member
25.	Professor H. Maheshappa Vice-Chancellor, Vishveshwaraiah Technological University Jnana Sangama, Belagavi	Member
26.	Professor K. Sriprakash Vice-Chancellor, Rajiv Gandhi University of Health Sciences Jayanagar 4 th T Block Bangalore.	Member
27.	Professor J. S. Patil Vice-Chancellor, Karnataka State Law University Navanagar, Hubli – 580 025	Member
28.	Professor S. Bisalaiah, (Former Vice-Chancellor, University of Agriculture) No.629, 7 th Main Road, H.M.T. Layout, Ganga Nagar Bangalore- 560 043	Member
29.	Professor P. Venkata Ramaiah, (Former Vice-Chancellor, Kuvempu University) No.436, "Vishva Manava", Double Road, Kuvempu Road Mysore.	Member

30.	Professor Sudha .R [Principal (Retd) Maharani Science College] No.1076,Gange Road,1 st Cross Road, G&H Block, Kuvempu Nagar Mysore – 570 023.	Member
31.	Professor M.D. Muthamma, (Retd Director of Collegiate Education) No.121, 4 th Main Road, S.B.M. Colony, Anand Nagar Bangalore- 560 021	Member
32.	Professor K . Narahari, Professor (Retd) B.M.S. Engineering College & former MLC “Chaitanya”, No.1357,” 7 th Main Road, Srirampura Bangalore – 560061.	Member
33.	Professor R.L.M. Patil [Professor (Retd),Bangalore University] No.1105, 41 st Cross Road, Poorna Pragna Layout Chikkalasandra, Bangalore – 560 061	Member
34.	Professor K. S. Nisar Ahmed, Professor (Retd), No.341 ”Hameeda Hyder”, 7 th Cross Road, Padmanabha Nagar, Bangalore – 560 070	Member
35.	Professor N.R. Srinivasa Raghavan Professor (Retd) IISC, No.26,60/1,3 rd Main Road, KSRTC Layout, Chikkalasandra, Bangalore- 560 061	Member
36.	Professor V. Vijaykumar, Vice-Chancellor, Tamil Nadu Dr.Ambedkar Law University Poompazhil, No. 5, Dr. D.G.S. Dinakaran Salai, Chennai -600 028	Member

37.	Professor Chidananda Gowda (Former Vice-Chancellor of Kuvempu University) No.34404, "Udayaravi", Kuvempu Nilaya, 5th Main Road 12 th Cross Road, V.V.Puram, Mysore	Member
38.	The Joint Secretary, University Grants Commission Bahadur Shah Zafar Marg, New Delhi.	Member
39.	Principal Secretary to Government, Finance Department 2 nd Floor, Vidhana Soudha Bangalore - 560 001	Member
40.	Principal Secretary to the Government, Higher Education Department 6 th Floor, M.S. Building Bangalore -1.	Member
41.	Principal Secretary to Govt, Primary & Secondary Education, MS Building 6 th Floor, Dr. B.R.Ambedkar Veedhi Bangalore-560 001	Member
42.	Principal Secretary to the Government, Department of Medical Education, Vidhana Soudha II Floor Bangalore-560 001	Member
43.	Principal Secretary to Government, Department of Agriculture, M.S.Building, 4 th Floor, 3 rd Gate Dr. Ambedkar Veedhi Bangalore - 560 001	Member
44.	Principal Secretary to the Government Horticulture Department, 4 th Floor, M.S. Building, Dr Ambedkar Veedhi Bangalore - 560 001	Member
45.	Secretary to the Government Department of Law & Justice, Vidhana Soudha Bangalore - 560 001.	Member

46.	Principal Secretary to the Government Social Welfare Department, Vikasa Soudha, IIFloor Bangalore-560 001	Member
47.	Director of Technical Education, Palace Road, Bangalore-560 001	Member
48.	The Commissioner of Pre-University Board, 18 th Cross Malleshwaram Bangalore	Member
49.	Principal Secretary to the Government, Animal Husbandry & Fisheries Department, Vikasa Soudha, 4 th Floor Bangalore-560 001	Member
50.	Commissioner for Collegiate Education in Karnataka Palace Road Bangalore - 560 001	Member
51.	The Director of Medical Education Anand Rao Circle Bangalore - 560 001	Member

As stated above the Council met six times since January 2010 and discussed various matters, which were under the purview of the Council. In these meetings, issues relating to universities, opinions on matters referred to the council by the government and future policies on higher education were discussed. The council also discussed holding various conferences and seminars. Dr. V.S. Acharya, Hon'ble Minister for Higher Education, IT BT, Planning and Statistics, and Muzurai, who was also the Chairman of the Council, presided over five meetings. The sixth meeting of the Council was presided over by Sri D.V. Sadananda Gowda, the then Chief Minister, and Minister for Higher Education, Government of Karnataka. Various activities of the council are highlighted in the successive chapters.

Ever since the enactment of Karnataka State Higher Education council, six meetings were meetings were held. The first five meetings were presided by Late Dr. V.S. Acharya and

the sixth meeting was presided by Sri D.V. Sadananda Gowda, Hon'ble Chief Minister and Minister for Higher Education. The dates of the meetings are as follows:

MEETINGS OF THE GENERAL COUNCIL

Sl. No	General Council Meetings	Date
1	1 st General Council Meeting	01.12.2010
2	2 nd General Council Meeting	01.02.2011
3	3 rd General Council Meeting	12.04.2011
4	4 th General Council Meeting	21.07.2011
5	5 th General Council Meeting	16.11.2011
6	6 th General Council Meeting	20.06.2012



Late Dr. V.S. Acharya chaired the Second General Council Meeting on 01.02.2011



Late Dr. V.S. Acharya Chaired the Fourth General Council Meeting on 21.07.2011



Sri D.V. Sadananda Gowda, the then Hon'ble Chief Minister of Karnataka and the Chairman of Karnataka State Higher Education Council Chairing the Sixth General Council Meeting on 20.06.2012

CHAPTER-III

EXECUTIVE COMMITTEE

As per the karnataka state higher education council act, there is a provision to constitute executive committee with the vice-chairman of the council as the chairman; the executive director as the member secretary; two vice-chancellors, nominated by rotation by the council for a period of one year and four of the ten academicians of repute who are members of the council nominated by it by rotation for a period of twenty months as members; principal secretary to government, higher education department and principal secretary to government, medical education department as ex-officio members. The composition of the committee is as follows

COMPOSITION OF THE EXECUTIVE COMMITTEE OF THE COUNCIL

Sl No	Name	Designation
01	Dr S.C. Sharma, Vice-Chairman Karnataka State Higher Education Council	Chairman
02	Professor K.M. Kaveriappa Executive Director Karnataka State Higher Education Council	Member Secretary
03	Professor B.R. Ananthan Vice Chancellor Rani Channamma University, Belagavi	Member
04	Dr. Mallepuram Venkatesh Vice-Chancellor Karnataka Sanskrit University, Bengaluru	Member
05	Sri. K.Narahari Professor (Retd) B.M.S.Engineering College Bengaluru- 560 061	Member
06	Dr. P. Venkata Ramaiah, (Former Vice-Chancellor Kuvempu University), Mysore	Member
07	Dr. K.S. Nisar Ahmed,	Member

	Professor (Retd) Bengaluru- 560 070	
08	Dr. Sudha. R Principal (Retd) Maharani Science College, Mysore	Member
09	Principal Secretary to the Government Higher Education Department Government of Karnataka, Bengaluru	Member
10	The Principal Secretary to the Government Department of Medical Education Government of Karnataka, Bengaluru	Member

MEETINGS OF THE EXECUTIVE COMMITTEE

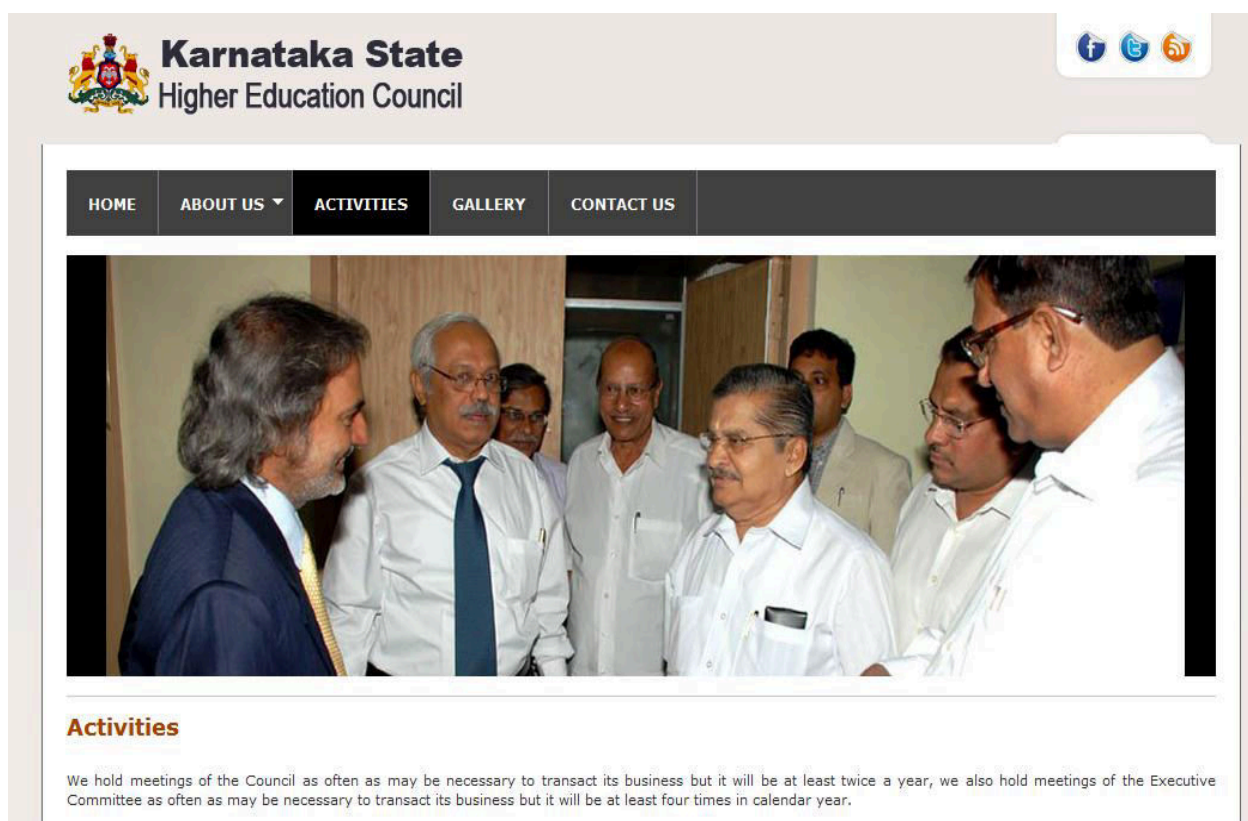
Five meetings of the Executive Committee were held on the following dates to discuss the matters relating to the functioning of the Council and various other agenda including budget proposals to fulfil the objects of the council.

Sl. No	Executive Committee Meetings	Date
1	1 st Executive Committee Meeting	27.12.2010
2	2 nd Executive Committee Meeting	12.04.2011
3	3 rd Executive Committee Meeting	03.04.2012
4	4 th Executive Committee Meeting	10.05.2012
5	5 th Executive Committee Meeting	13.06.2012

CHAPTER-IV ACTIVITIES OF THE COUNCIL

THE KSHEC WEBSITE

Late Dr. V.S. Acharya, the then Hon' ble Minister for Higher Education, Sri Madan Gopal, Principal Secretary to Government, Department of Higher Education and other dignitaries in the snapshot of the website (www.kshec.co.in) .



A SNAPSHOT FROM THE KSHEC WEBSITE

**STATISTICS ON HIGHER AND TECHNICAL EDUCATION SUBMITTED TO THE MHRD,
GOVERNMENT OF INDIA:**

The Govt. of Karnataka has appointed the Member Secretary, Karnataka State Higher Education Council as the Nodal Officer of the State Government for flow of information and comprehensive data collection in respect of Higher Education, Technical Education, Medical, Veterinary and Agriculture, Education etc. The Ministry of Human Resource Development, Govt. of India collects statistical information every year from all the State Governments and compiles the same into a compendium and publishes in the Annual Publication. The Council requested all the Universities to designate an officer of the University as Nodal Officer for furnishing the Statistical. All the Universities designated an officer as Nodal Officer and the Council took initiative by corresponding with all the Nodal Officers of the Universities in the State duly sending the prescribed format.

Dr. Vijay P. Goel, Deputy Director General of the Ministry of Human Resource Development, Dept. of Higher Education, Statistics Division, has visited the Council on 10.12.2011 and discussed with the Executive Director and Nodal Officer regarding the issue and also informed that, the Ministry is in the process of developing a software and design a portal for uploading the statistical information by the respective Universities and Colleges. Once this becomes operational the collection and compilation of data will become easy.

After protracted correspondence, most of the Universities could furnish the information for the year 2007-08, 2008-09, 2009-10 and 2010-11. The information received has been compiled and sent to the Government of India, Ministry of Human Resource Development. The Ministry of Human Resource Development has sent the draft publication "Statistics of Higher and Technical Education – Provisional" for the year 2009-10, for verification and to suggest corrections if any. Accordingly the same was furnished to the Ministry on 20th Jan.2012. Similarly the Statistical information for the year 2010-11 has also been sent to the MHRD recently on 11th July 2012.

As per the request of Sri Vijay P. Goel, the Director General of M.H.R.D., a Workshop on **"Developing a Database on Higher Education in Karnataka"** was organized on **09th November 2011** in the Conference Hall. This workshop was inaugurated by Smt. Latha Krishna Rao, IAS, Principal Secretary to the Government, Department of Higher Education. The Registrar and Nodal Officers of all the Universities including representatives of institutes of

National Importance, Deemed Universities and Private Universities attended the workshop – about 65 representatives participated in the workshop. Sri. Sanjay, Deputy Director General, MHRD, Smt. Ruchika Gupta, Deputy Director, MHRD, Sri. Ramswarup. Assistant Director, MHRD, Sri. D.P. Bhatnagar, Project Consultant, National University of Educational Planning & Administration,(NEUPA) and Shri Lalchand Yadav, Technical Director, National Informatics Center, New Delhi, participated in the workshop as the resource persons, interacted with the participants and clarified the doubts on the usage of portal.

OPINION ON MATTERS RELATING TO UNIVERSITIES

1. A committee headed by Professor S.A. Bari, Vice-Chancellor, Kuvempu University, Shankaraghatta, Shimoga prepared a draft on Common Academic Calendar for Universities having similar academic programmes. The Council approved the draft and communicated the same to all the Universities in Karnataka.
2. A committee headed by Professor Geetha Bali has prepared a draft on Common Academic Calendar for B. Ed Programme in affiliated colleges. This is under consideration.
3. A Draft of Common Regulations for conducting Doctoral Programmes at Universities, prepared by a committee headed by Professor Shivashankara Murthy, Vice-Chancellor, Mangalore University, Mangalore, has been approved by the Council and communicated to all the Universities in Karnataka.
4. A Draft of Common Regulations Governing UG and PG Courses, prepared by a committee headed by Prof. V.G. Talwar, Vice-Chancellor, University of Mysore, is under consideration at the Council.
5. A Committee has been constituted under the Chairmanship of Professor E.T. Puttiah, Vice-Chancellor, Gulbarga University to draft Uniform Statutes regarding Sabbatical Leave for university employees.
6. A committee of Vice-Chancellors, under the chairmanship of Professor B.R. Ananthan, Vice-Chancellor, Rani Channamma University, Belagavi, has been constituted to frame **guidelines for conducting Non-formal Education Programmes** (Outreach Programme, Distance Education, Correspondence Education) by the State Universities in Karnataka.

ADVICE TO THE STATE GOVERNMENT ON ACADEMIC MATTERS

1. A draft proposal to create **Bangalore South University out of the existing Bangalore University** has been approved by the Council on 01.02.2011, and the same has been submitted to the Department of Higher Education, Government of Karnataka on 22.02.2011.
2. A proposal for upgrading the **Government Film Institute at Hesarghatta, Bengaluru** and introducing a UG course in Film Studies have been approved by the Council. The same has been communicated to the Department of Higher Education, Government of Karnataka on 29.02.2011.
3. A draft containing the views of the Council on the report of the Dr.N.R. Shetty Committee, constituted by the State Government to review the Karnataka State Universities Act-2000, has been submitted to the State Government.
4. The Council offered its opinion on “The University for Innovation Bill 2010” sent by the Govt. of India.
5. The proposal to start Kannada Study Centers at the University of Germany and Austria has been recommended.
6. Opinion of the Council regarding transfer of Constituent Law Colleges/PG Departments of conventional Universities to Karnataka State Law University has been furnished to the concerned authority.
7. Revision of Pension in respect of University and College teachers retired prior to 01.01.2006.
8. Granting exemption for the candidates who have been awarded PhD degree prior to 2009 from completing NET/SLET/SET examinations to become eligible for applying for the post of Assistant Professors/Lecturers at universities and colleges.
9. A proposal to establish a Central University in Kodagu has been submitted to the Government of India.
10. Sought the opinion of the ICAR before starting a sectorial university in Agricultural Sciences.
11. Draft Rules governing eligibility and procedure to submit the proposal for establishment of Private Universities in the State of Karnataka has been prepared.
12. Draft Private University Bill 2012 has been prepared.
13. Proposal for the establishment of Karnataka State Academy of Higher Education has been presented before the government.

**RULES AND REGULATIONS OF THE KARNATAKA STATE HIGHER EDUCATION COUNCIL
FRAMED AND APPROVED BY THE COUNCIL AND NOTIFIED BY THE GOVERNMENT**

1. Rules governing the methodology of preparation of Annual Budget and audited statement of expenditure have been approved by the Government vide letter No. ED 38 URC 2011, on 22.03.2011.
2. Regulations governing the Terms and Conditions of the service of the staff of Karnataka State Higher Education Council. (Approved by the Government vide letter No. ED 40 URC 2011 on 22.03.2011.)
3. Karnataka State Higher Education Council Regulations-2010. (Procedure relating to meeting of the Executive Committee has been approved by the Government vide letter No. ED 42 URC 2011, on 01.04.2011.)
4. Karnataka State Higher Education Rules – 2010 (Powers and functions of the Executive Director has been approved by the Government vide letter No. ED 37 URC 2011, on 31.03.2011.)

VISIT OF DISTINGUISHED DIGNITARIES

Several academics, scientists and academic committees have visited the KSHEC. Internationally acclaimed scientist Professor Azeddine Driouich, University of Rouen, France visited the Council on 29.02.2012.



**PROFESSOR
AZEDDINE
DRIOUCHE BEING
HONOURED.**

Members of the Task Force Committee, Government of Orissa, Department of Higher Education visited the Council on 26th and 27th of April 2011. Task Force Committee members were Prof. L.N. Mishra, former Vice-Chancellor of Sambalpur University; Mr. D.N. Roy, and Prof. V.P.Nanda. They had discussions with the Hon'ble Minister for Higher Education and the officers of the Higher Education Council regarding the feasibility of starting a Higher Education council in Orissa state.

Visit of the delegates from Cambridge University

A delegation of the Cambridge University visited the Karnataka State Higher Education Council on 25.11.2011 and had discussions with Dr. V.S. Acharya, Hon'ble Minister for Higher Education and other officers of the Higher Education Department. The main topic of discussion was 'Developing English language Skills among Graduate and Postgraduate Students in Karnataka'. Following were the members of the delegation:

1. Dr. Michael Milenovic, Chief Executive, University of Cambridge ESOL.
2. Mr. Mickey Bonin, Assistant Director, Business Development, University of Cambridge ESOL.
3. Mr. T.K. Arunachalam, Regional Manager, South Asia, Cambridge University ESOL.
4. Mr. R. Sundarajan, Manager – Professional English, India, Cambridge University ESOL.



Cambridge University Delegates Interacting with Late Dr. V.S. Acharya

Visit of the Vice-Chairman, Kerala State Higher Education Council:

Sri T P Sreenivasan IFS (Ambassador)(Rtd), Vice-Chairman of the Kerala State Higher Education Council visited the Council on 9th July 2012. He had discussion with the Vice-Chairman and Executive Director on various issues of higher education and the functioning of the Council. He appreciated the activities of the Council, especially the decision of the Council to establish an Academy for Higher Education and Training. He has sent an email to the Vice-Chairman which is as follows:

Dear Dr Sharma,

Thank you for the courtesies extended to me when I called on you and your colleague Dr. Kaveriappa at your office. It was a delightful and productive meeting at which I learnt much from you both. I have decided to take up some of the ideas we discussed, particularly the one about setting up of a teacher training institute. I would also like to help convene a meeting of the higher education councils in different states to co-ordinate our efforts. I shall appreciate if you can share with us the information you may have on the councils in other states.

I hope to see both of you in Thiruvananthapuram at the earliest opportunity.

Sincerely,

TPS

T.P. Srenivasan, (IFS 1967)

Former Ambassador of India and Governor for India of the IAEA

Executive Vice-Chairman, Kerela State Higher Education Council

CHAPTER V

INDUCTION AND ORIENTATION PROGRAMMES

The Council has organised six induction programmes / orientation programmes for the newly recruited faculty members and Principals of colleges.

1. INDUCTION PROGRAMME FOR NEWLY RECRUITED TEACHERS OF AIDED DEGREE COLLEGES AND UNIVERSITIES (FIRST BATCH)



Inauguration of the Induction Programme by Smt. Latha Krishna Rao, IAS

The Karnataka State Higher Education Council conducted a three-day Induction Programme for newly recruited teachers of aided degree colleges and universities from 20th to 22nd Sept, 2011 at Jain University auditorium, Palace Road, Bangalore.

The programme was inaugurated by Smt. Latha Krishna Rao, IAS, Principal Secretary to the Government, Higher Education Department. In her inaugural address, Smt. Latha Krishna Rao said that pedagogy is an important part of training the teachers, but university and college teachers are not exposed to this area, as they are not undergoing educational training before being inducted as teachers. She felt that an induction programme of the kind organised by the Council would at least provide an insight into pedagogy. She also advised the participants that their responsibilities do not end with the imparting of knowledge in their subjects and they

should also concentrate on character building and personality development of students assigned to their care. Eventually all teachers must end up as mentors and motivators.

The inauguration was followed by nine sessions during three days where eminent educationists particularly, from reputed educational institutions delivered lectures on various aspects of pedagogy such as Professional Ethics, Classroom Management, Understanding Learners, Fostering Creativity, Communication Skills, Personality Development, Student Support and Progression and Question Paper Setting and Evaluation of Answer Scripts etc. The last session was devoted to subject oriented induction where a few senior faculty members from universities participated.

2. INDUCTION PROGRAMME FOR NEWLY RECRUITED TEACHERS OF AIDED DEGREE COLLEGES AND UNIVERSITIES (SECOND BATCH)

Karnataka State Higher Education Council in association with Davanagere University organized the induction programme for newly appointed faculty of degree colleges of Davanagere, Kuvempu and Sri Krishnadevaraya Universities. The programme was organized from 26th to 28th November 2011 at Shivagangotri campus of Davanagere University.

The inauguration programme was organized on 26th November 2011 at 10.30 a.m. The programme was inaugurated by Sri. G. M. Siddeswara, Member of Parliament, Davanagere. Sri Janardhanaswami, Member of Parliament, Chitradurga delivered the keynote address. Professor K. M. Kaveriyappa, Executive Director and Member Secretary of Karnataka State Higher Education Council was the chief guest. Professor S. Indumati, Vice-Chancellor, Davanagere University delivered the presidential address.

During the first session Dr. R. M. Channaveer, Associate Professor, Department of Social Work, Davanagere University delivered a talk on “Teaching and Community Resources”. Then Dr. [Smt.] Phani Burly, Associate Professor, Department of Education, Davanagere University delivered a lecture on “Concept and Importance of Evaluation”.

During the Second Session Dr. S. Bhaskar, Principal[retired] R.V. Teachers College, Banagalore delivered a lecture on “Fostering Creativity”. Dr. M. M. Pattanashetti, Associate Professor, M. M. College of Education, Davanagere introduced the topic “Teaching Skills”.

During the third session, Sri. Gopal Krishna Nairy, Alumnus, National School of Drama, Bangalore conducted an interactive session on the topic “Action in Teaching”.

On 27th November 2011, during fourth session Dr. M. M. Pattanashetti, Associate Professor, M. M. College of Education, Davanagere delivered a lecture on the topic “Goals and Challenges of Higher Education”. Dr. C. P. Ramasesh, Librarian, University of Mysore, Mysore delivered a lecture on “Effective Use of Library”.

During fourth session Dr. S. S. Patil, Dean, Department of Education, Kuvempu University delivered a lecture on the topic “Qualities of Effective College Teacher”. Dr. M. R. Umadevi, Professor, Department of Education, Davanagere University delivered a lecture on “Understanding the Learner”.

In the afternoon [sixth session] subject specific sessions were conducted for different members of the faculty. Following resource persons organized subject specific sessions for 2 hours each.

Resource Persons	Subject
1. Dr. R. M. Chanaveer	Social Science
1. Dr. G. T. Govindappa	Commerce and Management
2. Dr. V. Murugaiah	
1. Dr. S. Shishupal	Science
2. Dr. Sreedhar	
1. Dr. M. M. Pattanashetti	Education
2. Dr. H. V. Vamadevappa	

During these interactive sessions participants were exposed to the following topics.

1. How to handle the subject: Importance of demonstration
2. Laboratory techniques
3. Instruments in learning process: Importance of subject seminar
4. Group discussion
5. Assignments in learning process: Helping the slow learners, encouraging the fast learners

On 28th November 2011, Professor Mahesh Mashal, Chairman, Adept Institute of Management Studies and Research, Dharwad conducted VII session. During this session he interacted with participants on the topic "Motivating the Learner".

During the eighth session Dr. S. T. Bagalkot, Professor, Department of Economics, Karnataka University, Dharwad delivered a lecture on the topic "Education for Research, Development and Extension". Dr. Y. M. Jairaj, Professor, Department of Microbiology, Gulbarga University delivered a lecture on the topic "Student Support and Progression".

In the last session[IX] Dr. B. P. Veerabhadrappe, Chairman, Department of Economics, Davanagere University delivered a lecture on the topic "Professional Ethics". Dr. H. V. Vamadevappa, Associate Professor, M. M. College of Education, Davanagere spoke on "Question Paper Setting and Evaluation of Answer Scripts". In total 53 teachers participated in the programme. Dr M.M Pattanshetty and Dr MR Umadevi coordinated the Programme.

3. ORIENTATION PROGRAMME FOR NEWLY APPOINTED PRINCIPALS OF GOVERNMENT AND AIDED DEGREE COLLEGES

The programme was organized for the newly appointed principals of government and aided colleges to familiarize them with administrative, academic and research/development issues concerning the colleges building a good relationship with various stakeholders. The delegates were welcomed by Dr. S.C. Sharma, Vice-Chairman, Karnataka State Higher Education Council.



Prof. B.R. Ananthan, Vice-Chancellor RCU, Belagavi interacting with the principals

The programme was inaugurated by Prof. B.R. Ananthan, Vice-Chancellor, Rani Chennamma University, Belagavi. In his Inaugural address, Prof. Ananthan highlighted the challenges faced by principals to smoothly conduct day-to-day activities of the college. He stressed the fact that principals should have a clear vision for the development of their colleges and should be consensual in the approach. He also spoke about the role of the principal in maintaining good relationship with the state government, the UGC and also the affiliating University. He urged the principals to be pro-active in utilizing UGC grants and create an enabling environment for conducting research and development activities by the faculty and students. Prof. K.M. Kaveriappa, Executive Director of Karnataka State Higher Education Council proposed a vote of thanks.

Prof. P. Venkatramaiah, former Vice-Chancellor, Kuvempu University stressed the need for Curriculum Development, Faculty Improvement and Research. He talked about various opportunities available to principals for the development of research facilities in colleges. He

highlighted the benefits of obtaining research funds for colleges. In addition, his lecture focused on the need for continuous assessment of students and the need for regular feedback mechanism.

Prof. K.M. Kaveriappa, Executive Director of the Karnataka State Higher Education Council spoke on the need for involving students in sports and extracurricular activities, which helps them to develop their personality. He urged the principals to conduct regular extension activities, which would help in holistic development of institutions. He indicated various avenues from which funding could be availed for such activities.

Prof. Chambi Puranaik, former Dean, Karnataka State Open University, spoke at length about the role of the relationship between principals and various stakeholders in the development of colleges and about how student motivation leads to value addition and personality development. His lecture focused on the role of principals in an institutional approach towards holistic development of colleges, community and students in an era of modern communication technology. He also impressed upon the principals to disseminate the use of social media for the benefit of students and faculty.

Dr. Jaganath Patil, Deputy Advisor, the NAAC, Bangalore addressed the principals about the importance of assessing an institution by outside peers and modalities of accreditation and its benefits. In the interactive session, he briefed the principals on various aspects of NAAC accreditation and highlighted the most important criteria for evaluation of colleges.

4. ORIENTATION PROGRAMME FOR NEWLY APPOINTED PRINCIPALS OF UNAIDED DEGREE COLLEGES

The programme was organized in order to familiarize the principals about various administrative, academic and research/development issues concerning the colleges.

The programme was started with the welcome address by Dr. S.C. Sharma, Vice-Chairman, Karnataka State Higher Education Council. In his inaugural address Prof. Krishna Bhat, MLC and President of CESS stressed the role of a principal in providing value-based education at their respective institutions and quoted from some of his experiences during his days as a college principal. He said that principals should be a source of inspiration for both students and faculty by being a role model in terms of academic and research activities.

Professor YeshwantDongre, Registrar, VijayanagaraSri Krishnadevaraya University, Bellary in his lecture on affiliation related issues highlighted the challenges faced by principals to smoothly conduct the day-to-day activities of the college. He stressed the need for principals to have a clear vision for the development of the college. He also spoke about the importance of the principal in maintaining a good relationship with the state government, the UGC and the affiliating University. He urged the principals to be proactive in utilizing UGC grants and also called them to create an enabling environment for conducting research and development activities by the faculty and students.

Dr. S. Sudha, Member, Karnataka State Higher Education Council, addressed the principals about the role of stakeholders in college development. She talked about various opportunities available to principals for the development of research facilities in colleges. She highlighted the benefits of obtaining research funds for colleges. In addition, her lecture focused on the need for continuous assessment of students and the need for regular feedback mechanism.

Professor P. SripathyTanthri, Syndicate Member, Mangalore University spoke on the need for Curriculum Development, Faculty Improvement and Research which are necessary to improve the quality of education in colleges.

Professor S.L. Hiremath, Registrar, Gulbarga University said that colleges should have good sports facilities and they should organize regular extension activities. He indicated various avenues from which funding would be available for such activities.

Professor S. Bisalaiah, former Vice-Chancellor, University of Agricultural Sciences, Bangalore spoke at length about the role of the relationship of principals with various

stakeholders in college development and also on how student motivation leads to value addition and personality development. His lecture focused on the role of principals in an institutional approach towards holistic development of college, community and students in an era of modern communication technology. He also impressed upon the principals to disseminate the use of social media for the benefit of students and faculty. Dr JaganathPatil, Deputy Advisor, the NAAC, Bangalore addressed the principals on the modalities of accreditation and its benefits. In a very interactive session, he briefed the principals on various aspects of NAAC accreditation and highlighted the most important criteria for evaluation of colleges.

5. INDUCTION PROGRAMME FOR “NEWLY RECRUITED ENGINEERING COLLEGE TEACHERS (FIRST AND SECOND BATCH)”

Induction Programme for “Newly Recruited Engineering College Teachers” was jointly organised by Karnataka State Higher Education Council and AMC Engineering College, Bengaluru. The Programme was conducted in two batches from 21st to 23rd April 2012 and 21st to 23rd May 2012 respectively, at AMC Engineering College Bengaluru.



Inauguration of the induction programme by Dr. H. Maheshappa, Vice-Chancellor, VTU

In the first programme, Dr. S.C Sharma Vice-Chairman, Karnataka State Higher Education Council welcomed the chief guests— Dr. H Maheshappa Vice-Chancellor of VTU and the guest of honour, Dr. K.R Paramahamsa, Chairman, Paramahamsa Foundation Trust & AMC Group of Institutions.

Dr. Maheshappa in his inaugural address appreciated the efforts and gesture of the Karnataka State Higher Education Council in conducting such informative and educational programme, first of its kind to groom and nurture young engineering faculties to mould student fraternity in the days to come. Dr. K.R Paramahamsa asked the participants to fully

utilize the inputs to impart better teaching methodology to students who expect latest teaching techniques.

In the subsequent session held on 21st May 2012, Prof. K.M Kaveriappa welcomed the chief guest Sri. Kumaraswamy, KSPS, Deputy Superintendent of Police, Bangalore Sub-Division and the delegates. Mr. Kumaraswamy in his presidential speech narrated at length, how he as a villager struggled to come up in life to such a high official position in the midst of turbulence. On this occasion, Dr. Srinivasa, Principal, AMC Engineering College felicitated Sri. Kumaraswamy.

In the sessions that followed the inauguration Dr. R Nagarajaiah, Dr. S.N Sridhara, Dr. Rajesh Kumar, Dr. K.N Subramanya, Dr. Narasimha Murthy and Dr. Ganesh Bhat addressed the delegates. The programme co-ordinators from AMC Engineering College cooperated in organizing the event more effectively. Feedback was obtained from all the participants.

CHAPTER VI

CONFERENCES ON HIGHER EDUCATION

The council has organised three national seminars on reforms in higher education were also held where distinguished scientists from all over India presented papers. We have brought out two proceedings in this connection.

1. NATIONAL SEMINAR ON “REFORMS IN HIGHER EDUCATION AND PUBLIC PARTICIPATION”

Sri. D. H. Shankar Murthy, Hon’ble Chairperson, Karnataka State Legislative Council inaugurated the seminar. Dr. V.S. Acharya, Hon’ble Minister for Higher Education, Planning Statistics and IT BT and Muzurai and the Chairman Karnataka State Higher Education Council, presided.

Sri Prakash Javadekar, Hon’ble Member, the Rajya Sabha delivered a Keynote address. Speaking to the distinguished audience Javadekar stressed the need for bringing about reforms in Higher Education and suggested that the Government should consult all stakeholders to build a consensus. He also felt that “Access Expansion and Reforms in Primary, Middle and Higher Education” is imperative and the country that fails to bring about such reforms suffers.



The seminar being inaugurated by Sri D.H. Shankaramurthy, Sri Prakash Javadekar and Hon’ble Justice Rama Jois

The inaugural function was followed by two technical sessions where eminent educationists and academic administrators spoke.

I Session

1) Prof. S. Bisalaiah, Former Vice Chancellor, University of Agriculture Sciences, Bangalore

Topic: Higher Education at Cross Roads

2) Prof. R.L.M.Patil, Former Chairperson, Department of Political Science, Bangalore University, Bangalore

Topic: Federal Structure & Reforms in Higher Education

II Session

3) Prof.V. Raghunathan, Chief Executive Officer, GMR Varalakshmi Foundation, Hyderabad

Topic: Foreign Education Providers in India

4) Dr S.P. Thyagarajan, former Vice-Chancellor of Madras University, Chennai.

Topic: Financing Higher Education in India

Hon'ble Justice Rama Jois, Former Chief Justice of the Punjab and Haryana High Court, in his valedictory address quoted a Sanskrit verse by Brathruhari, a great Sanskrit scholar of 1st century B.C, to illustrate the importance given to education in ancient Indian society. He also mentioned about Mahatma Gandhiji's letter which talks about the 'character building' as one of the aims of education. He also cited great thinkers and philosophers like Swami Vivekananda, Dr.S. Radhakrishnan and quoted lines from the *Upanishads* to illustrate the importance of value education and character building among youth.

2. A WORKSHOP ON “DEVELOPING DATABASE ON HIGHER EDUCATION IN KARNATAKA”

A Workshop on “**Developing a Database on Higher Education in Karnataka**” was organized on 09th November 2011 in the Conference Hall. This workshop was inaugurated by Smt. Latha Krishna Rao, IAS., Principal Secretary to the Government, Department of Higher Education. The Registrar and Nodal Officers of all the Universities including representatives of institutes of National Importance, Deemed Universities and Private Universities attended the workshop – about 65 Participants have participated in the workshop.



Smt. Latha Krishna Rao, IAS, Former Principal Secretary, Department of Higher Education, Government of Karnataka inaugurating the workshop

The following Resource Persons shared their research findings:

1. Sri. Sanjay,
Director,
Ministry of Human Resource Development,
Dept. of Higher Education, Govt of India,
New Delhi.

2. Smt. Ruchika Gupta,
Deputy Director,
Ministry of Human Resource Development,
Dept. of Higher Education, Govt of India,
New Delhi.
3. Sri. Ramswarup. Assistant Director,
Ministry of Human Resource Development,
Dept. of Higher Education, Govt of India,
New Delhi.
4. Sri. D.P. Bhatnagar, Project Consultant,
National University of Educational Planning & Administration,
New Delhi.
5. ShriLalchandYadav,
Technical Director,
National Informatics Center,
New Delhi.

3. COLLOQUIUM ON HIGHER EDUCATION IN 12THFIVE YEAR PLAN

Growing youth aspirations and massive expansion of schooling is creating a huge demand for higher education. Higher education is also essential to build a workforce capable of value addition in modern, competitive economy. Therefore, enrolment in higher education would have to be significantly increased in a demand driven manner during the Twelfth Plan. The process of broadening access, making higher education inclusive, and promoting excellence initiated during the Eleventh Plan must be consolidated and expanded further during the Twelfth Plan. However, the initiatives proposed in the draft document need thorough scrutiny and broad-based debate/consensus. The states being the most important stakeholders should conduct programmes and workshops to voice their opinion.

The event was planned with an objective of formulating a response and understanding key issues of state and national interest.



Justice Rama Jois and Prof. P.V. Krishna Bhat inaugurating the Conference

Prof. P.V. Krishna Bhat, President CESS, welcomed the dignitaries and hoped that deliberations during the day would help us to understand the concerns of various stakeholders. He also felt the need for formulating a strong set of recommendations for consideration of the planning commission. Justice Rama Jois, who spoke at length on moral values eroding the present day higher education and stressed the importance of “Trivarga” in modern society during his inaugural address, inaugurated the conference. He also spoke at length on various challenges faced by state governments in formulating policy decisions in consultation with the central government. He felt that existing mechanism of creating a universal education policy without

proper dialogue and consensus was not beneficial to the growth of knowledge economy. The Chief Guest, Prof. R. Govinda, Vice-Chancellor, NUEPA gave insights into some key structural reforms and new regulatory framework guidelines included in the draft document. He also enlightened the audience on the role and structure of National Commission on Higher Education and Research (NCHER) proposed to be set up to ensure autonomy of institutions and enhancement of standards and provision for entry of foreign education providers.

Smt. Latha Krishna Rao, Principal Secretary, Department of Higher Education emphasized the fact that in the 12th Plan the focus should be on quality education and she outlined some of the initiatives of the Karnataka Government in this regard. Prof. K.M. Kaveriappa, Executive Director, Karnataka State Higher Education Council proposed a vote of thanks.

The first lecture delivered by Prof. Arkalgud Ramprasad, University of Illinois, Chicago stressed on the strategic and systemic nature of the initiatives proposed in the draft document. His observations were as follows:

- There is no clear vision stated for the higher education system in the context of the global economy and India's growth trajectory
- There are no clear objectives for the higher education system against which progress can be measured and the strategies assessed
- The approach is tactical not strategic
- The empirical basis for the proposed approach is not clear
- The approach does not propose to systematically collect, analyze, interpret, and act upon the evidence from the past, in the present, and into the future
- It does not cogently articulate the key resources available
- It does not cogently articulate the key barriers to transformation
- It is not focused on the knowledge ecology in its entirety

He felt that the present draft document was just a modification and in his opinion, a complete new architecture is the need of the hour rather than some cosmetic changes in the form of modification. His suggestions for a holistic higher educational development included

- Envision the future higher education system in the country and the states
- Systematically analyze the gaps between the states-of-the-aspiration, -practice, and -need
- Systematically analyze the resources and barriers to bridge the gaps
- Develop systemic strategies to bridge the gaps

Dr. M.K. Sridhar, from Karnataka Knowledge Commission, in his response to the draft document highlighted the following:

- The document spoke about resources leading to excellence and qualitative expansion
- It also spoke about efficiency of resource utilization
- Scholarship scheme and student-based funding
- Development of State Universities and colleges by more resource allocation
- Regulatory framework for the entry of foreign universities into the country.

In order to achieve the objectives he felt that draft document lacked the following initiatives:

- Performance indicators
- Shared Vision
- Experimentation and innovation
- Leadership and management

Prof. V.G. Talwar, Vice-Chancellor, University of Mysore responded to Prof. Ramprasad's thoughts and commented that more resources and better utilisation would be the right way forward. He also felt that an increase of 0.38 percent of GDP means an additional allocation of about Rs.25, 000 crore to higher education for the Centre and the States taken together and also felt that majority of this share should reach state universities and colleges. He also stressed the following aspects:

The scale and reach of scholarship schemes and student loans need to be enhanced. Government guarantees for student loans could be considered. The central principle should be that no student who is eligible to be admitted should be deprived of higher education for financial reasons

Prof. B. R. Ananthan, Vice-Chancellor, Rani Chenamma University, Belgaum responded to Dr. M.K. Sridhar's comments and requested the need for a clear focus on improving the employability of graduates. Indian higher education is organized into 'General' and 'Professional' streams. General education, which is an excellent foundation for successful knowledge-based careers, often fails to equip graduates with necessary work skills due to its poor quality. On the other hand, professional education is often expensive, lengthy and usually imparted in narrowly specialized private institutions, with little emphasis on liberal arts, which is essential for the development of intelligent able-minded citizens. For both 'General' and 'Professional' education streams, integrated curriculum with greater flexibility in choice of subjects and innovative pedagogic practices are needed to improve the quality and hence employability. He felt that the Vocational Education and Training sector in the country is small

and this limited capacity is under-utilized due to poor quality and lack of social status. During the Twelfth-Plan, there is an urgent need to develop a large sector offering short-cycle qualifications in the form of associate degrees catering to intermediate skills in the higher education space within the National Vocational Education Qualifications Framework.

Prof. H.A. Ranganath, Director, NAAC in his valedictory address spoke about the need to create an ecosystem that encourages research and innovation in a self-sustaining manner. We must bring back the 'lost' research culture of Indian Universities so as to create new knowledge and improve teaching standards. Collaborative research, setting up industry incubation parks in Universities and institutions providing more research fellowships, promoting innovation through interdisciplinary research in new and emerging fields, strengthening Inter-University centres etc. need to be emphasised in the Twelfth Plan. This would require more funding for university-based research and funding policies that create right incentives for quality research and promote collaboration among institutions. Related to this is the issue of faculty shortage, which can be tackled through innovative ways such as technology-enabled learning and collaborative information and communication technologies (ICT). A complete overhaul of the Academic Staff Colleges that are used to provide refresher courses for teachers is also necessary. Initiatives to improve the quality and availability of teachers in higher education need to be launched in a mission mode.

CHAPTER VII

CONFERENCES/SEMINARS ON DIFFERENT DISCIPLINES

The Council has also held 17 conferences / seminars on emerging areas of science, social science and management subjects. This has enabled scholars and faculty members of our universities across the state to interact with distinguished scholars of reputed institutes on research and curriculum development. We have published proceedings of ten seminars and sent them to universities of higher learning.

1. ONE-DAY SEMINAR ON FRONTIERS OF NANOTECHNOLOGY

Nanotechnology is an emerging multidisciplinary area of science. This is useful for applications in various walks of human life, having enormous scope for exploration in through inventions, innovations and collaboration. With a view to bring an awareness among faculties and scholars in the State Universities, **“ONE-DAY SEMINAR ON FRONTIERS OF NANOTECHNOLOGY”** was organised on 31st May 2011 by Karnataka State Higher Education Council. Dr. S.C Sharma, Vice-Chairman the KSHEC, welcomed the gathering. Prof. C.N.R Rao, Chairman Scientific Advisory Council to Prime Minister of India, National Research Professor, Linus Pauling Research Professor and Honorary President Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru, inaugurated the seminar and said that the participants and other dignitaries should realise the importance of this emerging area of science and encourage the work on Nano-sciences. He also stressed the need for introducing Nano-sciences and Technology as interdisciplinary areas of studies at postgraduate level.



Prof. C.N.R Rao inaugurating the Conference



Prof. C.N.R. Rao answering questions posed by the delegates

Dr. V.S Acharya Hon'ble Minister for Higher Education, Information Technology & Bio-Technology, Muzrai, Planning & Statistics, Government of Karnataka and Chairman Karnataka State Higher Education Council in his presidential remarks mentioned about the need for

curriculum up-gradation and enhancement of quality in research. He preferred to stay back to listen to the lectures of 1st session on Nano-biotechnology.

On this occasion Dr. V.S Acharya, Hon'ble Minister for Higher Education, honoured Prof.C.N.R Rao. Dr. K.M Kaveriappa, Executive Director, proposed a vote of thanks. The inauguration was followed by two technical sessions: I session was presided over by Prof. H.A Ranganath, Director, the NAAC, Bengaluru. Following resource persons spoke on **Nano-biotechnology**.

- ❖ Professor K. Sathyamoorthy, Director, Manipal Institute of Life Sciences, Manipal.

Topic: Nano-biotechnology : An update and future prospects

- ❖ Prof. Deepthy Menon, Amrita Centre for Nonoscience, Kochi Kerala.

Topic: Nano-materials in cancer medicine

The second session was presided over by Prof. P Venkataramaiah, Former Vice-Chancellor, Kuvempu University and following resource persons spoke on **Chemistry and Physics of Nano-materials**:

- ❖ Dr. G.U Kulkarni, CPMU, Jawaharlal Nehru Centre for Advanced Science Research, Bengaluru.

Topic: Growing nano- and microplates of Au on a hot plate, which find applications in live cell imaging and molecular electronics.

- ❖ Dr. S. Sampath, IPC Department, IISc Bengaluru.

Topic: Organic nanostructures and nanoparticles: preparation and possible applications.

- ❖ Dr. S.M Shivaprasad, ICMS, Jawaharlal Nehru Centre for Advanced Science Research, Bengaluru.

Topic: Thin film nanostructures.

Professor P Venkataramaiah gave a valedictory address and distributed certificates to the participants. Dr. S.C Sharma, Vice-Chairman, the KSHEC, thanked all the participants and requested them to form research groups on Nano-sciences, and to introduce Nano-science as a multidisciplinary enterprise.

2. ONE-DAY SEMINAR ON “INFORMATION SCIENCE AND TECHNOLOGY”

Dr. V.S Acharya, Hon'ble Minister for Higher Education and the Chairman, Karnataka State Higher Education Council inaugurated the Seminar. In his inaugural speech, he stressed the importance of IT in higher education and emphasized the need for teachers at Universities and Technical Institutes to keep their curricula up-to-date so that it will help students to develop necessary skills. He also emphasized that teachers should identify trends, technologies, policies, and procedures used in business and industry to help students to upgrade their competencies. He wished the conference a great success and introduced the speakers to the gathering. Five speakers gave special lectures on recent trends in Information Technology.



Late Dr. V.S. Acharya inaugurating the Seminar

Dr. Y.N. Srikant, Professor, Department of Computer Science and Automation, Indian Institute of Science, Bangalore delivered the first lecture on “Energy saving systems”. During his lecture, he said that saving energy in general needed not be over-emphasized and computing equipment of various kinds, e.g., mobile phones, laptops, portable games, desktops, servers, and large data centres, all deserve to be considered seriously for saving energy. The techniques for saving energy need to be deployed at various levels, e.g., in a data centre and in an embedded device.

The second lecture by Dr. Jayant Haritsa, Professor, Department of Computer Science and Automation, Indian Institute of Science, Bangalore on “Designing Database

Engines”focused on challenging engine design problems, efficient query processing and high-throughput transaction processing.

Dr. Anil Chinnabhandar, General Manager, Future Group – Supply Chain, Bangalore delivered a special lecture on “Information Science in Supply ChainManagement”. Dr Anil emphasized on the role of information science in supply chain management and the application-based teaching approach rather than building pure technology-driven applications, theoretical possibilities and innovations.

“High Performance Computing” was the topic of the fourth lecture delivered by Dr. N.K. Srinath, Professor, Department of Computer Science, R.V. College of Engineering, Bangalore. In his talk, he stressedthe use of High Performance Computing and Multi-core Systems. According to him, having a multi-core system requires a special programming to make the application work faster. He also spoke about the recent trends in High Performance Computing.

Dr. K.P. Ramakanth, Professor, Department of Information Science, R.V.College of Engineering, Bangalore delivered a lecture on “New Language Processing”. His lecture gave fresh insights into Modern NLP algorithms; machine learning, statistical machine learning. He emphasized that research on modern statistical NLP algorithms requires an understanding of a number of disparate fields, including linguistics, computer science, and statistics.

The participants expressed the desire that such lectures be arranged periodically to enable them to keep abreast of the developments in Information Science and Technology.

3. NATIONAL CONFERENCE ON “MEDIA AND HUMAN RIGHTS: THE GLOBAL SCENARIO”

The Karnataka State Higher Education Council (KSHEC) organized a One-day National Conference on “Media and Human Rights: The Global Scenario” at the KSHEC Conference Hall (Government Institute of Printing Technology Building), Palace Road, Bangalore on 23rd November 2011.

It was the first among the seven interdisciplinary conferences organized by the KSHEC. Dr. V. S. Acharya, Minister for Higher Education, Planning & Statistics, IT & BT, Muzrai, and Chairman, KSHEC, inaugurated the conference and released the proceedings. He emphasized on restructuring the education system to create awareness about human rights among students in schools and colleges. He welcomed the move to include human rights in the curriculum of media education. “Media, both print and electronic, have emerged so powerful in the recent decades that individual and social life has become almost unimaginable without their presence. Meanwhile, human rights too have emerged as an indispensable issue of the social discourse, thanks to the increased awareness and self-esteem among the members of civil society,” he said. Dr. Acharya further said that competition among the channels perhaps to maintain or increase the TRP ratings has led to the criticism that media are trivializing news. ‘Survival of the fittest’ scene has raised concerns among the conscious public that how far the media industry can give justice to human rights during their routine coverage, he observed.

Smt. Latha Krishna Rao, Principal Secretary, Department of Higher Education, Government of Karnataka, was the chief guest of the ceremony. She talked about teaching ethics and morals to students of Journalism as a measure to reform the media scenario. “Ethics in journalism is fading away with the advent of paid news. Meanwhile, the lack of transparency in the way media works is worrying,” she opined. “It is disheartening to note that both the electronic and print media giving importance only to glamorous news. Face Book, Twitter, SMS etc. have emerged as new media of present generation. At such a juncture, there is a need to ponder seriously over the kind of curriculum adopted while teaching Journalism in colleges and universities,” Smt. Rao added.

Prof. J. V. Vilanilam, former Vice-Chancellor, University of Kerala, Dr. S. C. Sharma, Vice-Chairman, the KSHEC and Prof. K. M. Kaveriappa, Executive Director, the KSHEC were present during the inauguration.



Prof. J.V. Vilanilam and Dr. V.S. Acharya releasing the proceedings of the conference

KEYNOTE ADDRESS

Prof. J. V. Vilanilam, former Vice-Chancellor, University of Kerala, delivered a keynote address, following the inauguration. Some of the recommendations made in his address were worth noting: “The media should be free from governmental and private proprietary control that will limit individual rights to express even dissenting views. Media’s independence from governments and stakes is highly essential if they have to provide high quality information with fairness, objectivity and social relevance, especially while reporting events connected with disarmament, nuclear safe, human rights, ecological threats, sustainable development and environmental protection. Media should not be concentrated in the hands of a few but be autonomous. The rights of men and women deprived of freedom for so long in the history of the world have to be specially protected. The media of communication should never promote polarization in society; instead, they should strive to remove the causes of divisions and promote harmony, in a rational, logical, reasonable and scientific manner. Media should strive for educating citizens and governments to address the socioeconomic, political and cultural causes for human rights violations.

SESSIONS

The conference included two technical sessions besides poster presentation session. The first session featured a lead lecture by Dr. Ronald Anil Fernandes, Principal Correspondent, Deccan Herald, Mangalore on “Challenges in Reporting Human Rights Stories – A Local Perspective

with Global Outlook”, which was followed by paper presentations by Mr. P. Natarajan, Head, Dept. of Communication, SRM Arts and Science College, Chennai (Globalisation, Commercialisation of Media and Human Rights) and Ms. Anuradha Saibaba, Assistant Professor of Law, National Law School of India University, Bangalore (Media and Juvenile Justice: Friends or Foes?).

The second session had a lead lecture by Ms. Puja Awasthi, Special Correspondent, Planman Media, Lucknow on “Dalits, Media and Human Rights”.

The paper presenters of the session were Dr. B. P. Mahesh Chandra Guru, Professor, Dept. of Mass Communication and Journalism, University of Mysore (The Role of Media in the Protection of Child Rights: A Perspective); Dr. D. Dominic, Associate Professor, Dept. of Studies in Kannada, BU PG Centre, Kolar (Iyothee Thass’ Contribution Towards Decolonizing Media); Dr. Vani. M. N., Head, Dept. of Journalism, NMKRV College for Women, Bangalore (Human Rights through a Gendered Lens - Media Analysis); Mr. V. Ramakrishna, Assistant Professor, Dept. of Political Science, Tumkur University (Human Rights and Atrocities on Exclusive Sections: Inclusive Response from the State and Civil Society); Dr. Narayana A., Assistant Professor, Dept. of Development Studies, Azim Premji University, Bangalore (Human Rights Violations as Entertainment: Media’s Complicity); Smt. Nagarathna A., Assistant Professor of Law, National Law School of India University, Bangalore (Media Reporting of Crimes in India - An Assessment in the Light of Human Rights and Global Law); Mr. Rangaswamy D., Research Scholar, Dept. of Studies and Research in Law, University of Mysore (Media, Corruption and Human Rights: An Inter-conceptual Analysis); Mr. Hampesh K. S., Assistant Professor, Dept. of Mass Communication and Journalism, SDM College, Ujire (Economic, Social and Cultural Rights for Dalits in India); Dr. Niranjana Vanalli, Associate Professor in Communication and Journalism, Coordinator, Centre for Proficiency Development and Placement Services, University of Mysore (Integration of Human Rights Education in Media Curriculum).

BESTPOSTER

A poster on the topic “Transgenders: Vulnerability to Rights Abuse and Media Coverage” prepared by Mr. Saswat S. R. Mishra (BBA, Rai Business School, New Delhi) and Ms. Rachita Panda (BA Sociology (Hons), Miranda House, University of Delhi) won the Best Poster Award.

Prof. K. M. Kaveriappa, Executive Director of the KSHEC honoured Mr. Mishra; Smt. G. Dakshayini, HoD, Department of English, University College of Arts, Tumkur; Ms. Shruthi M. N. and Chitra B. T., Assistant Professors, Dept. of IEM, RV College of Engineering, Bangalore; Mr. K. Kulasekaran and Dr. P. Rajendran, Dept. of Journalism and Law, Madurai Kamaraj University;

Smt. Jyothi S, Assistant Professor, Dept. of English, University College of Science, Tumkur and Mr. Srinivas H. R., Guest faculty, Dept. of Mass Communication and Journalism, Mangalore University were also appreciated for their posters.

Mr. Padmanabha K. V., Organizing Secretary of the Conference, proposed a vote of thanks on the conclusion of the daylong event. Dr. R. G. Sharathchandra from the Dept. of Microbiology, Tumkur University; Mr. Ashwin Kumar, Dept. of English, Tumkur University and Dr. Ravindra Kumar B., Dept. of Economics, Tumkur University compared different sessions while Dr. M. U. Lokesh, Assistant Professor, Dept. of Social Work, TU, Mr. Rupesh Kumar A. (Dept. of Library and Information Science, TU) and Dr. Sunitha V. Ganiger (Dept. of Sociology) were rapporteurs.

4. NATIONAL CONFERENCE ON 'MATHEMATICAL MODELLING: A SOCIO-SCIENTIFIC APPROACH'

One-day conference on 'Mathematical Modelling: A Socio-scientific Approach' was held on 30th November, 2011 at the Council. The Vice-Chairman of the Council Dr. S C Sharma welcomed the Chief Guest Dr. Prashant Goswami, Chief Scientist, C-MMACS, NAL and other distinguished guests and participants. Dr. Goswami inaugurated the event by lighting the lamp and releasing the proceedings of the conference. Executive Director of the Council Prof. K.M.Kaveriappa proposed a vote of thanks.

In his keynote address, Dr. Prashant Goswami, Chief Scientist, C-MMACS, NAL, gave a fascinating insight into the interconnection of the three worlds-the material world, the social world and the personal world. While talking about the challenges of modelling the social processes, he said that a significant difference between modelling a physical process and a social process is the lack of generic principle in the latter. He suggested the need for a combination between formal models, computational tests and empirical foundations.



Dr. PrashanthGoswami, Chief Scientist, NAL Bangalore, releasing the conference proceedings

Following were lead lectures:

Dr. Rajesh Kasturirangan from National Institute of Advance Studies, Bangalore, talked about cognition and knowledge, transforming mystery into problems with the help of the precision of mathematics, the conceptual insight of philosophy, the empirical accuracy of science and the empathy of genuine humaneness.

Dr. A S Vasudeva Murthy from TIFR-Centre for Applied Mathematics, discussed about the inverse reactor kinetics problem using Picard iteration.

Dr. P G Siddheshwar from Dept. of Mathematics, Bangalore University gave a wonderful description of mathematical model of enhanced heat transfer in a Newtonian liquid due to nano-sized suspended particles.

Dr. R. Rangarajan from Dept. of Mathematics, University of Mysore, explained the mathematical modelling and computational aspects of nonlinear heat transfer problems. Apart from core mathematical issues, six oral presentations on burning issues like global economy analysis, commodity prices and inflation rate analysis were made. In conclusion, it was a successful conference with diverse programmes reflecting on a variety of applications of scientific and mathematical techniques within social science.

5. NATIONAL CONFERENCE ON “GLOBALISATION AND SOCIETY: POLICIES AND PERSPECTIVES:”

The programme began with an invocation. Dr. S C Sharma, Vice-Chairman, Karnataka State Higher Education Council delivered a welcome speech. Dr. V. S. Acharya Hon’ble Minister for Higher Education and Chairman of the KSHEC; the Chief Guest Dr. R Balasubramaniam, Swami Vivekananda Youth Movement, Mysore; Media Persons and other dignitaries were present during the inauguration. In his address, Dr. Sharma traced the history of Globalization, its origin and impact on society. He also expressed the need for including issues on globalization in post-graduate and under-graduate curricula and explained how it would have an over-reaching impact on understanding consequences of Globalization.

In his inaugural address, Dr. V S Acharya stressed the significance of globalisation in all the sectors like economic, educational, medicine and health care. He regretted that Globalisation has led to Mcdonaldization and could be a threat to our Indian Culture. He also felt that globalization also had a positive impact on societies and economic policies. He also felt that there needs to be a balance between economic liberalization and societal issues for sustainable development and opined that broad consultations and consensus would be a way forward.



Renowned Social Reformer Dr. Balu interacting with late Dr. V.S. Acharya during the inauguration of the conference

Dr. R. Balasubramaniam (Balu), Adjunct Professor, International Programmes at University of Iowa and Cornell University and the founder of Swami Vivekananda Youth Movement, Mysore in his keynote address said that globalization is an old phenomenon contrary to the widely held

view that globalization originated in 19th century. He was of the view that Globalisation needs to be studied with a very centric approach rather than a left or right attitude. In his address, he put forth some concepts on how a right balance can be maintained to reap the full benefits of Globalisation.

The keynote address was followed by a Lead Lecture of Mr. Dinesh Amminmattu, Assistant Editor, *Prajavani*. According to him, it is the social responsibility of the citizens as well as media personnel to disseminate Information and narrate anecdotes on how media can react to different situations. His lecture also focused on the role of media in highlighting the social impact of globalisation with respect to marginalized communities.

The Second Lead Lecture was by Dr. Gayathri Devi Professor, ISEC, Bangalore who spoke on 'Marginalisation and NGO's' in the context of Globalization. She shared her rich experience and regretted that majority of the government facilities are not reaching the true hands and cited many instances of misuse of funds. She was of the opinion that many marginalized groups are in the dark and it is our duty to identify them and rehabilitate them. She gave some examples about how media across the globe have been responsible for highlighting issues related to marginalized groups and their uplift.

Dr. Cherian Alexander, Professor of English St. Josephs College, Bangalore who spoke in detail about South Asian Diaspora and the lifestyle of migrants in the US and the UK delivered the third lead lecture. According to him, media played a major role in the culture of overseas Indians.

There were two technical sessions. The topics were "Globalization and Knowledge Production"; "Concept of Social Capital a Political Project", "Special Economic Zones"; "A Study on the Corporate Excess and People's Activism"; "Globalization and Urban India"; "Globalization and Farmers"; "Globalization and Poverty"; "Media Literacy for Present Education" and "Globalization: Its Impact and Challenges". The conference brought together leading social scientists, Academics, Media and other NGO representatives, which resulted in the emergence of new ideas to deal with various socio-economic and cultural issues related to globalization.

6. NATIONAL CONFERENCE ON “QUALITY MANAGEMENT PRACTICES FOR ORGANIZATIONAL EXCELLENCE”

Quality Management practices are gaining prominence across industries and educational field. Every organization is striving hard to implement best of the best quality practices to achieve superior performance in every aspect of organizations.

In view of this, Karnataka State Higher Education Council organized a one-day National Conference on “Quality Management Practices for Organizational Excellence” on 21st December 2011. Distinguished educationist Professor P.V. Krishna Bhat, Member of the Legislative Council, Karnataka and President of Centre for Educational and Social Studies inaugurated the Conference. Prof. Bhat in his inaugural address stressed the need for enhancement of quality and standards in higher education. He highlighted the changes required in teaching methodologies.

Ms. Madhura Chatrapathi, Founder and Trustee for Asian Centre for Entrepreneurial Initiatives (ASCENT) delivered a keynote address. She explained about various forms of entrepreneurship, including cultural entrepreneurship and political entrepreneurship. She also focused on the need for innovations and creative processes in teaching methodologies by quoting real time examples.

Dr.S.C.Sharma, Vice-Chairman, Karnataka State Higher Education Council welcomed the gathering and explained the significance of the conference. Prof. K.M. Kaveriappa, Executive Director, Karnataka State Higher Education Council proposed a vote of thanks. The Proceedings of the conference was also released on the occasion.



Prof. P.V. Krishna Bhat and Ms. Madhura Chatrapathi inaugurating the conference

LEAD LECTURES

Five eminent personalities from different industries and academic arena delivered lectures on subthemes of the conference.

In the first technical session Mr. AnilChinnabhandar, General Manager, Future Group, Supply Chain delivered a talk on “Quality in Supply Chain Management” and his presentation discussed about basics of Supply Chain Management and Total Quality Management.

Dr.G. Nagalingappa, Director and Head of the Department of Management Studies BNM Institute of Technology, Bangalore presented his paper in the second technical session on “Quality Management Systems”. The paper focused on the benefits of quality management system and briefly discussed about the popular quality management systems like ISO 9000, QS-9000, AS-9000, and so on.

Ms. Hema Singh, Assistant General Manager Production and Engineering, Larsen and Toubro Limited, Medical Equipment Systems, Mysore delivered a Lead Lecture during the third session. Ms.Hema Singh’s speech focused on the need for lean techniques in manufacturing and greater employee empowerment through the implementation of 6S.

In the last technical session two lead lectures were given. Mr.B.L.Suresh, Key Customer Manager, DETNOSKE VERITAS (DNV), Pune&Mr.RavindraNalatwad, Quality Consultant made presentations. Mr. B.L.Suresh highlighted building excellence in educational institutions emphasizing more on creative thinkingin teaching methodologies. Mr.RavindraNalatwad presented his paper on “Continuous Improvement (Kaizen)”.

PAPER PRESENTATIONS

More than 20 papers were received from academics, research scholars and students representing various universities across the country. Nine best papers were selected for oral presentation and remaining lectures were identified as poster presentations in the conference. Dr.Sudarshan Reddy, Associate Professor, Department of Commerce, Tumkur University acted as jury to select the best poster/paper presentation.Mr.B.Ramesh, Associate Professor, Department of Studies and Research in Social work won the Best Poster Presentation award. After all the presentations and technical sessions, Dr.Noor Afza, Chairperson and Associate Professor, Department of Studies and Research in Business Administration, Tumkur University delivered a vote of thanks.

7. NATIONAL CONFERENCE ON SOCIAL RELEVANCE OF NANOMATERIAL AND APPLICATION: AN INTERDISCIPLINARY APPROACH

The conference was held 31st December 2011 was the first national conference with an extensive focus on the society orientated applications. Prof. S.C. Sharma, Vice-Chairman of Karnataka State Higher Education Council and Vice-Chancellor of Tumkur University in his welcome address spoke about how nanotechnology today is at the cornerstone of research and development and also stressed on the importance of nanomaterials. The conference was inaugurated by Dr. Thimappa Hegde, renowned neurologist at the Narayana Hrudayala, Bangalore. In his Intriguing Inaugural address Dr. Hegdespoke at length about how the mind perceives objects based on the size and form and said that nanotechnology was a science with far reaching implications in all areas of medicine. His address focused on various ways in which the mind reacts to situations he also made a point that when we work in frontier and cutting edge areas of science where new innovations are the order of the day the perception about how we react to these innovations are important. His address also highlighted some of the most recent innovations in nanotechnology with ability to alter the most widely held perceptions about medicine. Prof.K.M. Kaveriappa, Executive Director of Karnataka State Higher Education Council proposed the vote of thanks.

The conference was structured around a Key note address, lead lectures, several selected oral and poster presentations. In his keynote address Dr. V. RAJENDRAN, DIRECTOR, Centre for Nano Science and Technology, Tiruchengode, Tamil Nadu, discussed about the utility of Nanomaterials for energy and environment. He gave insights into the novel and unique set of physical and chemical properties displayed by suitably engineered nanomaterials and also stressed that such materials have a tremendous potential for applications in the fields of energy and environment. Some of the examples he showcased during his lecture were: 1) Dye sensitized solar Cells, 2) Photo catalysis, 3) Water splitting for hydrogen generation and 4) Carbon based superabsorbent materials for pollutant removal is the important areas to research.



Dr. Thimappa Hegde, renowned neurologist releasing the proceedings of the conference

The first lead lecture was presented by DR. BASAVARAJ MADHUSUDHAN, Research Center for Nanoscience and Technology, Davangere University. He spoke about Nano Medicine and Nano Biotech. His talk gave insights into the field of medical Nanotechnology and charted its progress over the past decade. He also highlighted the recent advances that enabled to regenerate tissues, although the dream of regenerating organs remains very far away. The second part of his lecture focused on how Nano-technology has transformed into a highly interdisciplinary field which deals with the applications of nanostructured materials in the development of newer diagnostic, regenerative and therapeutic modalities for healthcare. His presentation showed how the different types of nanostructures can penetrate through several anatomical barriers to reach target cells and can be changed by altering the surface chemistry of the nanoparticles and said that such nanomaterials can be used for Regenerative medicine and Smart drug release systems.

Dr. A. VENKATARAMANA, Professor and Chairman, Department of Materials Science, Gulbarga University, delivered the second lead lecture on Nano Sensors: He gave insights into Nano sensors and its mechanisms. He focused on Organic systems that involve building molecules on a surface and its applications in biochemical sensing. These materials have been used for detection of explosive vapors with excellent sensitivity.

In addition to the key note address and the two lead lectures researchers from various institutes and universities were given an opportunity to present their papers on various aspects of nanotechnology. Several posters were also presented during the conference. The conference was attended by a wide range of participants like subject experts, researchers, others interested in incorporating nanotechnological approaches into their work. Feedback from the conference was very positive and the participants greatly enjoyed the chance to meet like-minded people from so interdisciplinary areas

8. NATIONAL CONFERENCE ON 'PERSPECTIVES ON HEALTH BENEFITS OF THERAPEUTIC MOLECULES'

'Perspectives on Health Benefits of Therapeutic Molecules' held at Karnataka State Higher Education Council, Bangalore, Karnataka attracted several scientists/faculties/scholars and students from institutes/universities from various parts of the state. Welcoming the guests, Prof. S. C. Sharma, Vice-Chairman of the Karnataka State Higher Education Council stressed the need for identification of new drugs and molecules.

Dr. Sriprakash Vice-Chancellor, Rajiv Gandhi University of Health Sciences in his Inaugural address pointed out new challenges in the field of drug discovery and the need for collaborations in this field for achieving better results.

Prof. K. Narahari released the proceedings of the conference. Executive Director Prof. K.M.Kaveriappa proposed a vote of thanks.



Dr. T. Narender, CDRI Lucknow and other dignitaries releasing the conference proceedings

Dr. Narender, Senior Scientist, Central Drug Research Institute (CDRI), Lucknow, Uttar Pradesh in his keynote address gave an insight into the recent developments in the natural products drug discovery and cited numerous examples from his research group wherein a number of experimental innovations have been adopted in order to obtain/synthesise molecules with potential for biological activity. He also highlighted the importance of open source drug

discovery and requested that researchers should use the platform for all future work on drug discovery.

LEAD LECTURES

There were five lead lectures by eminent scientists.

Dr. Ravinder Singh, ICMR Head Quarters, New Delhi explained about recent advances in Molecular Medicine and the steps towards personalized health. Prof. Kemparaju, Department of Biochemistry, University of Mysore spoke on “Venom Toxins as Diagnostic and Therapeutic Tools” and gave fascinating insights into how venom toxins could be used as therapeutic tools. Dr. K.S. Girish, Department of Biochemistry, University of Mysore spoke about Crocin as a common dietary colorant and as an anti-arthritic agent. Prof. Nazni, Department of Food Science and Technology, Periyar University explained the Molecular Mechanics and Therapeutic Potential of Carbohydrates.

In addition to lead lectures, young scientists including faculties, research scholars/students presented their research data on various areas such as, arthritis, snakebite management, and wound healing /antimicrobial properties of medicinal plants, diabetes, oxidative stress and platelet apoptosis. There were 18 posters from various parts of India. Finally, best oral /poster presentation award was conferred on deserving participants as adjudicated by the selection panel comprising the scientists who delivered keynote address and lead lectures.

In conclusion, this national conference not only provided a platform to share scientific views of several scientists/researchers/students in the fields of medicine, pathology, biochemistry and pharmacology and drug discovery but also inspired the delegates to involve themselves in the field of drug discovery.

9. NATIONAL CONFERENCE ON “RECENT TRENDS IN COMMUNICATION TECHNOLOGY”

Dr. V. S. Acharya, Honorable Minister for Higher Education, IT/BT, Planning and Statistics, Muzrai, and Chairman, KSHEC, graced the inauguration ceremony of this interdisciplinary conference. In his welcome address, Dr.S.C.Sharma, Vice-Chairman, the KSHEC thanked Dr. V.S. Acharya for his continued support for the development of the Higher Education Council. He also stressed the need for innovations in communication technologies as essential tools to provide low cost and effective technologies for the country.

In his inaugural address, Dr. Acharya congratulated the effort of the KSHEC for organizing the conference. He appreciated the initiative taken by the organization for selecting interdisciplinary theme for the conference. He affirmed that communication is the most important part of human life and vital for the development of society. He also stressed that Communication Technology has made entire world small and accessible, transforming the growth of economy and society. He appreciated the recent innovations in Communication Technology and its impact on the lives of individuals and business community to overcome all barriers and achieve their goals.



Dr. C.E. VeniMadhavan, Indian Institute of Science and Late Dr. V.S. Acharya inaugurating the Conference

Dr.C. E. Venimadhavan, Professor, Department of Computer Science and Automation, IISc, Bangalore delivered the keynote address. In his address, he discussed about “Cryptography and Information Security”. The address focused on various issues related to information security and discussed novel technologies and ideas that help us to secure information smoothly.

Different sessions were organized from 9.30am to 5.15pm. During the course of these sessions five lead lectures were delivered and 45 papers (both oral and posters) relating to various themes of the conference were presented.

Eminent resource persons delivered the following lead lectures:

- a. “Adaptive Techniques to Reduce Power in Digital Circuits”: Dr. BharadwajAmrutur, Associate Professor, IISc, Bangalore.
- b. “An Introduction to Reinforcement Learning”: Dr.ShalabhBhatngar, Professor, Department of Computer Science and Automation, IISc, Bangalore.
- c. “Time Varying Speech Processing”: Dr. T. V. Sreenivas, Professor, Department of Electrical Communication Engineering, IISc, Bangalore.
- d. “Embedded RT Systems: Some Concepts”: Dr. S. B. BhanuPrashanth, Professor, BNMIT, Bangalore.
- e. “Talking With Tomorrow”: Dr.Veena S Chakravarti, Professor, BNMIT, Bangalore.

Theconference attracted several scientists/ faculties /research scholars/ students from institutes/universities from various parts of the country. The sessions were characterized by active participation by all the delegates. The experts who had earlier delivered lead lectures adjudicated best poster and best oral presentation.

10.NATIONAL CONFERENCE ON “INTEGRATIVE PLANT BIOLOGY AND AGRIBIOTECHNOLOGY”

The present day Agri-biotechnology is facing several challenges including declining acceptance levels among public. This trend can be halted by conducting more basic research on various aspects of plant biology with biotechnological applications. The National Conference on “Integrative Plant Biology and Agri-biotechnology” was conceived with the aim of consolidating recent trends in both the fields for the benefit of scientific and academic community. The conference was structured around one keynote address, four lead lectures, several selected oral presentations and poster presentations.

An eminent rice biotechnologist Dr. M. Mahadevappa, Governing Council Member, ICAR, delivered the first lead lecture on “Recent Trends in Global Rice Research”. In his lecture, he highlighted recent research achievements in rice research and other issues like genomics, HYVs, Hybrids and Super Hybrids, MAS for disease and insect resistance.

Prof. Mahadevappa and Prof. Azeddine Driouich, University of Rouen, France formally inaugurated the conference by lighting the lamp. Dr. S.C Sharma, Vice-Chairman, Karnataka State Higher Education Council conferred Honorary Distinguished Professorship of Tumkur University on Prof. Azeddine Driouich. In his response, Prof. Driouich thanked the University for the Honour.

The inauguration was followed by a keynote address by Prof. Driouich on “Structural and functional insights into the role of cell wall in plant development and survival.” His lecture focused on understanding the structural, biosynthetic and functional organization of the cell wall in relation to development and biotic/abiotic stress. He spoke at length on sub-organelle responses for cell wall strengthening and on various other projects like Dynamics and functions of Arabino Galactan-Proteins (AGP).

Prof. P.S. Rao, Former Director, Nuclear Agriculture Division, BARC, Mumbai, delivered the third lead lecture on “Plant Micropropagation – A value addition to Agri-horticultural industry.” His lecture laid emphasis on the translation of laboratory results to field application, one of the significant developments during the last decade. He added that ‘tissue cultured’ banana plants have been immensely popular with the farmers in Karnataka, Maharashtra, Gujarat, Andhra Pradesh, Tamil Nadu, Madhya Pradesh and Uttar Pradesh because of higher yield, uniformity and overall growth performance.

11.NATIONAL CONFERENCE ON “GOOD PRACTICES IN SOCIAL WORK IN THE GLOBALIZED CONTEXT”

The national conference on ‘*Good Practices in Social Work in the Globalized Context*’ was organized on 3rd March 2012.

Prof.Y.S. Siddegowda, Registrar, Karnataka State Sanskrit University inaugurated the conference. In his inaugural address, he appreciated the efforts of Higher Education Council in organizing this national conference when Indian Social Workers are celebrating 75 years of their profession in the country. He also opined that this is high time to indigenize the theory and practice of Social Work as efforts are also being made towards internationalizing its reach and standards. He also added that Social Workers should be in the forefront of nation building process and not with the displaced solutions of the past and west, but with the culturally competent responses from this very soil.



Prof. Vishanthie Sewpaul, Professor, School of Social Work and Community Development, University of Kwazulu-Natal Republic of South Africa inaugurating the conference

Prof. Vishanthie Sewpaul, Professor, School of Social Work and Community Development, University of Kwazulu-Natal, in the keynote address mentioned about the growing impact of globalization on professional social workers. She necessitated that social work has to mark

global standards and work to achieve the global agenda of social work and social development marked by IASSW.

Dr. S. C. Sharma, Vice–Chairman, Karnataka State Higher Education Council presided over the function and suggested to adopt ICT enabled system in social work education. Prof. K.M. Kaveriappa, Executive Director, Karnataka State Higher Education Council was the Chief Guest.

In the first lead lecture, Prof. Mahajan P Mani, Professor, School of Gandhian Thought and Development Studies, Mahathma Gandhi University, Kottayam, Kerala, spoke on good practices in teaching, learning and evaluation system in social work education. In the course of his talk, he recommended having more innovation in social work practicum.

In the second lead lecture Prof. Shanti K. Khinduka, Ph.D., Professor Emeritus, Dean Emeritus, George Warren Brown School of Social Work, Washington University in St. Louis, spoke on ‘Good Practices of Social Work in the Newer Fields’. She emphasized on the new avenues that have attracted professional social workers in India and at global level.

In the third lead lecture Mr. Y.J. Rajendra, Director, Service organization, Bangalore spoke on ‘good practices in community work’. He highlighted the issues involved in rural, urban and tribal community. He also suggested some good practices to adopt while working with community.

In the fourth lead lecture Prof. K.V. Ramana, former Vice-Chancellor, Andhra University, Visakhapatnam spoke on ‘good practices in social work research’. He highlighted the science of social work research and he suggested having research project as a compulsory paper in the MSW program. He also recommended maintaining the ethics and values in social work research.

There were 12 technical papers presented in the conference and various academics, social work practitioners and research scholars from different state were delegates in the conference.

12. COLLOQUIUM ON “ADVANCES IN MATERIALS SCIENCE: THE GLOBAL SCENARIO”

The colloquium on “Advances in Materials Science: The Global Scenario” was solemnly inaugurated. Dr. S.C. Sharma, Vice-Chairman, Karnataka State Higher Education Council welcomed the guest of the day. Dr. Bangalore Keshavaram, Corporate Metallurgist, GAMCO, Ohio, USA inaugurated the Colloquium by lighting the lamp. The colloquium comprised six lectures by eminent scientists from various material science disciplines. Researchers, faculty and students from various universities of the state across disciplines like Physics and Chemistry participated in the colloquium. The summary of the presentations is given below.



Dr. Bangalore Keshavaram, Ohio, USA being welcomed by Prof. K.M. Kaveriappa during the inauguration of the colloquium

1. *Comparison of mechanical properties with varying % Fe on front knuckle castings made from a356 aluminum alloy using ‘low-pressure permanent mold’ process at gamcowapakoneta.*

Dr. Bangalore Keshavaram, GAMCO

Ohio, USA

The Low-pressure Permanent Mold, or ‘LPPM’, process is highly economical and a viable process to produce safety critical aluminum castings such as front steering knuckle for OEM platform. Several thousand ‘Front Knuckle’ castings were made each week using a low-pressure cast machine at GAMCO-Wapakoneta. At the beginning of the program, all the castings

were made with less than 0.12 % iron (Fe) and a dedicated furnace for this program was very expensive and inefficient. A reverb furnace used for other products had Fe levels up to 0.15 %, and hence this study was initiated. To obtain samples castings for the study, the cast machine holding furnaces were alloyed as required with the intent to produce three different groups of castings, each with different levels of Fe. All three different iron levels were subsets within the 0.20 % maximum allowed per aluminum association specification for A356.0 aluminum alloy. These castings were subjected to solution heat-treatment followed by T-6 temper. All castings were subjected to X-ray inspection to assess internal integrity per ASTM E-155 specification. In addition, all castings were subjected to liquid penetrant inspection for surface anomalies. The main focus of the study was to identify if any detrimental effect in mechanical properties occurs with an increase in Fe content in front knuckle castings from 0.12% to 0.15% (A356 aluminum alloy specification Fe 0.2% Maximum).

2. Batteries from Volta to Lithium and Beyond

Dr. A K Shukla, Solid State and Structural Chemistry Unit

Indian Institute of Science

Energy is both pervasive and enabling. Fossil fuels together with nuclear energy have long been exploited as major sources of primary energy. The most important, versatile, and useful means of distributing such energy to where it is needed is through conversion to electricity. Electricity is transportable, which means it can be carried to long distances by wires and cables. It is convertible, being changed into many forms of energy such as light from an electric light-bulb, and movement in an electric motor. It is also controllable. We can turn it on or off with a switch or up and down with a knob, when a city suffers a power cut and falls still and silent, we realize how much we depend on electricity. Unfortunately, the cumulative environmental effects of burning fossil fuels, the profligate consumption of these fuels, and concerns over the safety of nuclear power and radioactive wastes, have placed the Planet Earth in jeopardy. One strategy for safeguarding the future is to move away from the traditional fuels towards so-called “renewable” sources of energy, which are of non-polluting nature and are sustainable. Unlike fossil and nuclear fuels, which are concentrated sources of energy that can be easily stored and transported, renewable forms of energy are, for the most part, highly dilute and diffuse. Moreover, their supply can be extremely intermittent and unreliable. Accordingly, the energy from these sources needs to be stored.

3. Application of Titania in Energy and Environment

Dr. Gomathi Devi, Department of Studies in Chemistry

Bangalore University, Bangalore

Titania is one of the most widely used benchmark standard photocatalyst in the field of environmental applications. However, the large band gap of titania and massive recombination of photogenerated charge carriers limits its overall photocatalytic efficiency. The former can be overcome by modifying the electronic band structure of titania which includes doping of lower, hyper and isovalent transition metal ions to substitute Ti^{4+} lattice sites of titania matrix. While the later can be succeeded by changing the surface properties of titania by fluorination, or by the addition of suitable electron acceptors beside molecular oxygen in the reaction medium. This presentation encompass the several advancement made in these aspects and also some of the new physical insights related to the charge transfer events like charge carrier generation, trapping, detrapping, and their transfer to surface are discussed for each strategy of the modified titania in order to support the conclusions derived. The synergistic effects in the mixed polymorphs of titania and also the theories proposed for their enhanced activity is reported.

4. Conducting Polymer Nanocomposites and its applications

Dr. Ambika Prasad, Department of Materials Science

Gulbarga University, Gulbarga

Polymers by virtue of their lightweight and greater ease of fabrication have replaced and are continuing to replace metals in several areas of application. The idea that plastics could be made to conduct electricity would have been considered to be absurd. Indeed, plastics have been extensively used by electronic industry because of their very good insulating property. This narrow perspective is rapidly changing as new class of polymers known as conducting polymers or electro active polymers are being discovered. For more than two decades now, researchers have shown that certain class of polymers which are conjugated (those possess extended π – conjugation along polymer backbone), exhibit semi-conducting behaviour. The discovery of doping in polymers has led to further dramatic increase in the conductivity of such conjugated polymers to values as high as 10^5 Scm^{-1} . The discovery of these conducting polymers has opened up new frontiers in material Chemistry and Physics. Polyaniline (PANI) has emerged as one of the most promising conducting polymers, because of its wide spread applications and due to the combination of unique properties like simple preparation and doping procedure, good environmental stability, relatively high conductivity and low cost. The

increase concern about environmental protection has led to continuous expansion in sensor development. The inorganic-organic composites containing polymer as the organic base and Tungsten oxide, Cobalt oxide and Cerium oxide as inorganic part have been used for studying its humidity sensing. These composites have been synthesized by in situ deposition technique by placing fine graded WO_3 , CeO_2 and Co_3O_4 in polymerization mixture of aniline. The results are well supported by FTIR spectral analysis, Scanning electron microscopy, XRD and Conductivity measurements. High temperature conductivity measurements show thermal activated behaviour. The change in resistance with respect to percent humidity (RH) is observed. The composites in the pellet form exhibit almost linear behaviour within a chosen range of humidity ranging between 10 and 95% RH. It is observed that PANI- WO_3 , PANI- CeO_2 PANI- Co_3O_4 composites are promising materials for humidity sensors.

5. Designing Novel Nano-Materials from First Principles

Dr. Shobhana Narasimhan

Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore

In recent years, density functional theory has emerged as the method of choice not only for understanding the properties of materials at the atomistic level, but also for designing materials with desired properties 'atom by atom'. Such calculations are truly first principles calculations, in that they contain no empirical input, apart from atomic numbers and atomic masses. However, they are rather demanding computationally, the replacement of atomic wave functions by the atomic density leads, in principle, to a huge savings in computational time and effort. There are many recent examples of the successes of this approach, where predictions made by density functional theory have later been verified experimentally.

Gold nano-particles have attracted attention in recent years because of the discovery that they can be a good catalyst for several reactions, such as the oxidation of carbon monoxide to carbon dioxide. The catalytic activity is a sensitive function of the size and shape of the catalyst. We focus on the twenty-atom gold cluster, which has tetrahedral and planar isomers. The former is the stable form in the gas phase and on an MgO substrate, but it is believed that the latter may be a better catalyst. Earlier authors (Landman et al., Pacchioni et al.) have suggested that it may be possible to stabilize the planar form by placing the cluster on a very thin oxide layer on a molybdenum substrate, or by placing the whole system in an electric field of the order of 1 V/nm. However, these strategies may not be very feasible for practical applications. We suggest an alternative strategy, of doping the MgO substrate with Al atoms. We show that the additional electrons supplied by Al become delocalized and are transferred to the Au

cluster, which then assumes a planar shape. The stabilization energy is proportional to the doping concentration. The basic feasibility of this approach has subsequently been proved by experiments by Freund et al. on a similar system.

6. *Metal Oxide Semiconductors*

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Karnatak University, Dharwad

The transparent electronics is an emerging science and technology field focused on producing see-through electronic circuitry and opto-electronic devices. The applications include consumer electronics, new energy sources, and transportation; for example, automobile windshields could transmit visual information to the driver. Glass in almost any setting could also double as an electronic device, possibly improving security systems or offering transparent displays. In a similar vein, windows could be used to produce electrical power. The transparency of solar cells at a specific light band will also lead to new applications such as solar windows. The field of energy harvesting is gaining momentum by the increase in gasoline price and environment pollution caused by traditional techniques. For developing any such electronic device, the building blocks are the semiconductor, the electric contacts, and the dielectric/passivation layers and they need to be transparent.

Metal oxides represent a relatively new class of semiconductor materials applied to active electronic devices. The combination of high field effect mobility and low processing temperature for oxide semiconductors make them attractive for high performance electronics on flexible plastic substrates. This appealing class of see-through devices will have great impact on the human-machine interaction in the near future.

13. NATIONAL CONFERENCE ON RECENT ADVANCES IN MICRONUTRIENTS RESEARCH



Hon'ble Justice M.N. Venkatachaliah, Dr. P. Sadananda Maiya, Sri Sri Veereshananda Saraswati Maharaj, Dr S.T. Ramesh and other dignitaries during the inauguration of the conference.

Individuals require well-balanced diet for their healthy living. Balanced nutrition provides the materials necessary to support life. This balanced nutrition can safe-guard from many health problems. A poor diet can cause deleterious effects on health of individuals. The well balanced nutrition comprises of certain important nutrients such as carbohydrates, proteins, fats, minerals, vitamins and water in desired proportions. These nutrients are classified in to macronutrients and micronutrients. Macronutrients are required in relatively larger quantities and micronutrients require in small quantities consisting of mainly vitamins and minerals. Although these micronutrients are required in smaller quantities in daily diet, they play very important physiological functions. Though there is substantial economic growth, majority of the population is below poverty line. Due to this there is considerable size of the population is malnourished. Malnutrition is both due to micronutrients and macronutrients. It is rampant and it is specifically observed in children, women and elderly population. This is leading to considerable number of deaths of infants and various other ailments in other population groups. Deficiencies of these nutrients can cause serious health implications.

Although there have been enormous contributions by the nutrition science to alleviate malnutrition, still there are formidable challenges to overcome.

In this situation, it is very vital to have brainstorming sessions across the country to discuss various issues of malnutrition and strategies to overcome the same. In order to discuss recent developments in this area, a national conference on “Recent Advances in Micronutrients Research” was organized.

The national conference was inaugurated by Justice M. N. Venkatachaliah, Former Chief Justice, Supreme Court of India. Prof. P. Sadananda Maiya, Chairman & Managing Director, Maiya’s Beverages & Foods Pvt. Ltd. Bangalore, Sri Sri Veereshananda Saraswathi Swamiji, and Sri. S. T. Ramesh, Dr. S. C. Sharma, Vice Chairman, Karnataka State Higher Education Council and Vice Chancellor, Tumkur University and Prof. K. M. Kaveriappa were present during the inauguration.

Prof. Manju Reddy, Dept. of Food Science & Human Nutrition, Iowa State University, IA, USA delivered the Key-note address. Prof. Manju Reddy emphasized the importance of micronutrients and especially iron in human health. She presented the recent advances in iron metabolism and bioavailability and stressed upon more rigorous research in this particular field so as to understand the concepts better so that significant steps can be taken in alleviating the malnutrition.

India’s renowned micronutrients scientist Dr. Mahtab S. Bamji, INSA Honorary Scientist, Dangoria Charitable Trust, Hyderabad spoke on “Micronutrient Security for India-priorities for research and action”. Dr. G. N. V. Brahmam National Institute of Nutrition, Hyderabad expressed his views on “Prevalence of Micronutrient Deficiencies (MND) in rural India: Current Status and way Forward”. Dr. Kalpana Platel, Scientist, Central Food Technological Research Institute, Mysore discussed various strategies to derive micronutrients maximally from our foods. Prof. Kasturi, University of Agricultural Sciences, Dharwad presented her work on “Promotion of Vitamin A Status of vulnerable groups through educational and horticultural intervention”. These lead lectures were followed by oral presentations and Poster Presentation by the young researchers across the country.

14. NATIONAL CONFERENCE ON “FUNCTIONAL FOODS IN HEALTH AND WELL-BEING”



Dr. P. Sadananda Maiya, Director, Maiya's Foods and Beverages Inaugurating the Conference

Functional foods provide beneficial physiological effects in addition to the basic nutritional requirements. Functional foods generally comprise nutraceuticals, antioxidants, prebiotics, probiotics, designer foods, etc. In order to discuss recent developments in this area, a national conference on “Functional Foods in Health Well-being” was organized.

A well-known food scientist Dr. P. Sadananda Maiya, Chairman and Managing Director, Maiya's Beverages & Foods Pvt. Ltd. Bangalore, inaugurated the conference.

Dr. S. C. Sharma, Vice-Chairman and Prof. K. M. Kaveriappa, Executive Director of Karnataka State Higher Education Council were present in the function.

In his keynote address, Dr. P. Sadananda Maiya emphasized the importance of traditional methods of processing foods such as hand pounding leading to better health and well-being. He further said that modern methods of processing such as milling on the other hand result in the loss of vital nutrients, leading to nutritional deficiencies. He took processing coffee seeds by traditional methods as an example and said it helped to retain aroma in the filtrate while the modern processing techniques and addition of chicory to the coffee leads to nutrient deficiency and changes in functional behaviour in consumers. He stressed the

importance of nano-technology in food science & technology. Dr Maiya cited his own invention of nano-curcumin, when, according to him, subjected to Human Clinical Trials proved to be effective in curing various types of cancers. He suggested that nano-foods would be the future food technology for the well-being of human life.

On the occasion, renowned scientists Dr. K. Srinivasan, Chief Scientist, CFTRI, Mysore, Dr. AsnaUrooj, Dept. of Food Science & Nutrition, University of Mysore, Dr. Devindra, Scientist, National Institute of Nutrition, Hyderabad and Dr. K. N. Chidambara Murthy, HCG Oncology Hospital, Bengaluru delivered lead lectures. Paper Presentations and Poster Presentation of their works by the young researchers followed this.

15.SEMINAR ON CLASSICAL LANGUAGES IN HIGHER EDUCATION: RESEARCH POSSIBILITIES



The seminar being inaugurated by Prof. Mallepuram Venkatesh, Vice-Chancellor, Karnataka Sanskrit University

Karnataka State Higher Education Council had organized a one day national seminar on “Classical Languages in Higher Education: Research Possibilities” in KSHEC Seminar hall on 05th June 2012 in association with Kannada Research and Information Centre, Tumkur University, Tumkur. Prof. Mallepuram Venkatesh, Vice Chancellor, Karnataka State Sanskrit University, who turned 60 years on the same day, was felicitated.

Kannada poetess, thinker and student of Prof. Mallepuram Venkatesh, Veena Bannanje was a special invitee for the inauguration ceremony of the seminar. She narrated her research experiences with Prof. Mallepuram and praised his guidance while she was perusing her Ph.D. degree at Hampi University. Prof. Mallepuram was an ideal guide, she said. Veena Bannanje analyzed some of Prof. Mallepuram’s classical literary works and she opined that, there was a need to study his works in new dimension.

Chief Guest Prof. K M Kaveriyappa, Executive Director, KSHEC, Bangalore expressed his critical views on the current status of classical languages in higher education in India,

especially in Karnataka. In-depth studies of classical languages like Kannada and Sanskrit would certainly be helpful for the education and society at large, he said.

The Vice Chair person of KSHEC and the Vice Chancellor of Tumkur University, Dr. S C Sharma presided over the function.

Four special lectures were arranged in this seminar. Prof. D V Paramashivamurthy, HOD of Dr. D V Gundappa Kannada Adhyayana Kendra, Tumkur University delivered a lecture on “Contributions of Prof. Mallepuram to Classical Literature”; Dr. M K Sridhar, Director, Prasaraanga, Karnataka State Sanskrit University, presented his views on “Sanskrit as a Classical Language”; Dr. Shripad Bhat, Assistant Professor at Dr. D V Gundappa Kannada Adhyayana Kendra and Coordinator of Kannada Research and Information Centre, Tumkur University, Tumkur, delivered a lecture on “ Kannada Classical Literature: A Research view” critically and Dr. M Kotresh, Associate Professor of Department of Studies and Research in History and Archeology, Tumkur University presented his views on “ Classical Literature: Historical Perspectives”.

These special lectures were opened for discussion and widely appreciated by the participants. Large number of academicians, research scholars and students of various part of Karnataka were present in the seminar.

16. SEMINAR ON PHILOSOPHY OF SCIENCE



Seminar being inaugurated by various dignitaries

Honourable Justice M.N. Ventakatachaliah, former Chief Justice of the Supreme Court of India, inaugurated a Seminar on “Philosophy of Science” in the divine presence of Sri Sri Veereshananda SaraswathiSwamiji, President of Ramakrishna Vivekananda Ashrama, Tumkur. Both the guests stressed the importance of understanding the assumptions, foundations, methods, and implications of science. They quoted extensively from Einstein and Newton’s scientific works and stressed on as to how the philosophical thinking of the two great scientists affected modern day science. Veereshananda SaraswathiSwamiji spoke at length on how religion has played an important role in shaping human development since time immemorial in India. The inauguration was followed by lectures from eminent thinkers and scientists. Veereshananda SaraswathiSwamiji spoke on “Science and Religion”, Prof. M.R. Nandan deliberated on “Salient Features on Philosophy of Science”, Prof. S. Sundararajan’s lecture was on “Indian Perspectives of Biology” and Shatavadani R. Ganesh’s lecture on “Philosophy of Science with respect to other knowledge systems” concluded the lecture series. The lectures were followed by discussion and presidential remarks.

17. SEMINAR ON PHILANTHROPIC APPROACHES TO ADDRESS CONTEMPORARY SOCIAL PROBLEMS



Seminar being inaugurated by honourable justice Santosh Hegde and Smt. Sudha Murthy, Chairperson, Infosys Foundation

Karnataka State Higher Education Council organized a Seminar on “PHILANTHROPIC APPROACHES TO ADDRESS CONTEMPORARY SOCIAL PROBLEMS”.

The program started with the introductory and welcome speech by S.C. Sharma, Vice-Chairman of the Karnataka State Higher Education Council and Vice-Chancellor of Tumkur University.

The Seminar was inaugurated by honorable Justice Dr. Santhosh Hegde, Former Karnataka Lokayuktha, Bangalore. In his inaugural address Justice Dr. Santhosh Hegde mentioned that haves should contribute for the welfare of the have-nots. He prized the efforts of the Infosys Foundation under the stewardship of Dr. (Smt) Sudha Murty, which has done yeomen service to the society through various funding support. He also made a mention of how various social problems could be solved by coordination of various Governmental, Non-Governmental and Philanthropic Organizations. He also volunteered that he wants to give back to society that has given him so much.

The Chief Guest of the program Dr. Sudha Murty, Chairperson of Infosys Foundation stressed the importance of philanthropic support by industrialists. She stated various aspects of identifying the right beneficiaries for support and also stressed the importance of prioritizing the areas for philanthropic support. Elaborating on her teaching career, which also includes a stint as a lecturer in Computer Science Dr.Sudha Murty said she had reserved the last five minutes of her class for story-telling. Incidentally, her former students even today remember the stories she had narrated though they don't remember anything from the syllabus. And she concluded that in a emerging economy like India fighting social problems like poverty is of utmost importance and philanthropic support plays a complementary role to the efforts of the Government.

Prof.D.Shivalingaiah, Registrar, Tumkur University and Prof.K.Narahari, Syndicate member of Tumkur University were present in the inauguration of the seminar. Prof.K.M.Kaveriappa, Executive Director of the Karnataka State Higher Education Council proposed the vote of thanks.

And seminar had the three following Sessions:

I session:

Topic: Philanthropic Contribution to Indian Society: Retrospect and Prospect.

Resource person: Mr. Naveen Jha, CEO, Deshpande Foundation, Dharwad

Mr.Naveen in his session covered the historical development of Philanthropic approaches and he mentioned the development taken place because of philanthropy. He identified the areas for which philanthropy is very much exigent. And continuing his talk Mr.Naveen proposed the strategies for future development and how Philanthropy can bring change in the approach of development.

II session:

Topic: Philanthropic Approaches to Address the Health Issues

Resource person: Mr. Vinod Joshi, Director, SMILE, Bangalore.

Mr. joshi in his session highlighted the contemporary health problems of the society. He claimed that there is great need of philanthropists and social workers contributions towards the health initiatives for rural poor, urban slum dwellers and marginalized sections of the society. He televised the documentary evidences related to the health issues of the society.

III session:

Topic: Philanthropic Approaches to Address the Educational Issues

Resource person: Mr. Unnikrishnan, Programme manager, GMR Varalakshmi Foundation, Bangalore.

Mr. Unnikrishnan, Highlighted the need for access to education among the marginalized sections of the society specifically in rural areas. He has thrown light on the contributions of different philanthropic organizations towards educational development in the country. He shared his experience with GMR varalakshmi foundation towards educational development initiatives in Karnataka.

The seminar was well attended by representatives of non-governmental organizations, social work students, Philanthropists, academicians, and research scholars of various universities across the state

CHAPTER-VIII
FORTHCOMING EVENTS

SL NO	TITLE OF THE EVENT	DATE
1	Awareness Programme about Accelerator and IUAC facility in association with JNU, New Delhi	27 th August 2012
2	National Conference on "Philosophy of Development: Myth and Realities"	21 st September 2012
3	National Conference on "New Paradigms of Development: Role of Mass Media"	29 th September 2012
4	National Conference on "Sustainable Social Development in India: New Vistas and Challenges"	4 th October 2012
5	National Conference on "Humanities Today: Challenges and Prospects"	18 th October 2012
6	National Conference On "Business innovation and technology management"	3 rd November 2012
7	International Conference on "Recent Advances in Material Sciences"	6 th to 8 th November 2012
8	National Conference on "Information and Communication Technologies for Agricultural and Rural Development"	20 th November 2012
9	National Conference on "Evolving Research Methodologies in History and Archaeology"	7 th December 2012
10	National Conference on "Integrated Library Management Systems"	13 th December 2012
11	National Conference on "Recent Trends in Kannada Usage"	29 th December 2012
12	National Conference on "Challenges and Opportunities for Chemical Sciences in	8 th January 2013

	the 21 st Century”	
13	National Conference on "Biotechnological Solutions for Sustainable Environmental Management"	22 nd January 2013
14	National Conference on "Recent Advancements in Protein Science and Technology	31 st January 2013

CHAPTER IX

PROPOSED PROGRAMMES OF THE COUNCIL

Vision-2020:

Preparation and publication of a draft of the 'Vision Document 2020 for Higher Education Karnataka' is under progress. This can be viewed from the Council's website.

Academy for Higher Education:

A proposal for the establishment of a permanent Academy for Higher Education has been approved by the Council in principle. Pending the sanction of the Academy the programme will be started soon on experimental basis within the facilities available at Tumkur University, Tumkur.

Newsletter of the KSHEC:

To publish a quarterly Newsletter of the KSHEC highlighting its progress and activities.

International Journal of Higher Education and Policy Research:

To bring out a peer-reviewed international bi-annual journal on higher education.

CHAPTER X
MEDIA REPORTS