

**PROFILE OF PROF. A. BALASUBRAMANIAN**  
**PROFESSOR OF GEOLOGY**  
**UNIVERSITY OF MYSORE**

1. Name : **Prof. A. Balasubramanian**

2. Recent Positions : **(1) Director, Culture & Cultural Relations**  
(PVC cadre), Pondicherry University **(Jan-2008-May2010)**,

**(2) Director- EMMRC, University of Mysore(2004-2007)**

3. Permanent Position : Professor of Geology ( Since Oct. 1994)  
University of Mysore, Mysore

4. Address for Communication : Prof. A. Balasubramanian  
Professor of Geology, University of Mysore, Mysore-6  
Ph: 0821-2419728(O) ; 0821-2519665 ® Mobile: 09483522665  
Email: [emmrc1@gmail.com](mailto:emmrc1@gmail.com)

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5. Date of Birth : 15<sup>th</sup> April, 1957 ( Age= 53 years)

6. Sex and marital status : Male, Married

Contact Person : Wife - Mrs. K. Indira, M.A., M.Ed.

- Residential Address : 145, "Samartha Sainath", Siddalingeswara layout, Bogadi second stage north, Mysore-570 026, Karnataka State ; Blood group : A+

7. Father's name and Occupation: **Sri. P. Ayyappan, Art Master (Rtd. Teacher)**

St. Stanislaus Teacher Training School,

Sattur, Tamil Nadu.

**8. RECENT AWARD RECEIVED:**

**Vikram Sarabhai Life-Time Achievement Award -2006**

( for Educational Communication)-Awarded by UGC in May 2008.

## 9. POSITIONS HELD & DURATION OF SERVICES:

	Designation	Institution	NATURE OF WORK	From	To	Duration
A	Director- Culture & Cultural Relations (PVC cadre)	Pondicherry University	Administrative, academic and managerial works, planning, development & implementation, establishment of new depts., starting of courses in Media, promoting research culture, Release of publications, Running FM radio Channel, production of documentaries, etc. <b>(details in section 19)</b>	Jan. 2008	May 2010	2 yrs 5 months
B	Director	Educational Multimedia Research centre(of UGC)	Administration , Production of Video lessons for UGC, carrying out research, teaching & extension. <b>(Details in section 20)</b>	2004- 05	2007	3 years 6 months
C	Professor and Director	Centre for Inf. Science & Technology, University of Mysore	Educational Planning and Administration, curriculum development to certification, etc. <b>(Details in section 21)</b>	2001	2004	4 years
D	Director	Mysore University Printing Press	Releasing University level text books & Publications <b>(Details in section 22)</b>	2001	2001	Short duration
E	Special Officer- Planning	University of Mysore	University administration <b>(Details in section 23)</b>	1998	2001	3 years
F	Professor of Geology	University of Mysore	<b>(Details in section 24 A to G)</b>	1994	Till date	16 years
G	Asst Professor of Geology (Sr. Lect. )	V.O.C.College Tuticorin, M.S. Univ.Tirunelveli	Teaching & Research UG & PG courses in geology, IT & Computer Courses, etc	1981	1994	14 years

## 10. EDUCATIONAL QUALIFICATIONS:

### A. Upto Pre-University level:

Course	Year	Institution
S.S.L.C (TN State Board)	1974	A.V.High School, Sattur (Ramanathapuram dt)
P.U.C (Madurai University)	1975	S.B.K. College, Aruppukottai (Ramanathapuram dt)

### B. After Pre-University:

Degree / Diploma	University	Class	State	Year
B.Sc Geology, Physics, Chemistry	Madurai Kamaraj	Second Class	TN	1978
M.Sc Geology	Annamalai University	First Class	TN	1980
Ph.D in Geology (Hydrology) (Under UGCs FIP Scheme )	University of Mysore		Karnataka	1989
PDF ( Civil and Systems Engineering) BOYSCST Fellowship	James Cook University North Queensland Australia	(Details in Section 17 )	Australia	1990

**PROFESSIONAL SERVICES  
RENDERED**

**DETAILS IN SECTION 17**

## 11. OVERSEAS STUDIES AS BOYSCAST FELLOW OF DST, GOVT OF INDIA, NEW DELHI:

### OVERSEAS EDUCATION:

Period		Nature of Programme	Institution	Remarks
From	To			
1991	1992	Young Scientist Fellow (BOYSCAST)- of DST	James Cook University of North Queensland, Australia	Post Doctoral Research on Simulation (Experimental and Numerical)

- Conducted advanced research in developing numerical approaches for contaminant transport simulation
- Developed computer models for analyzing coastal groundwater resources
- Developed software as pre-processors for simulation models
- Conducted computer simulations in Gopher mainframe Computers
- Carried out comparative analysis of various numerical approaches for density dependent fluid flow

## 12. RANK / PRIZES / MEDALS OBTAINED AT SCHOOL / COLLEGE / UNIVERSITY DURING EDUCATION:

- B.Sc First rank in Madurai Kamaraj University – 1978 – got Sri. M. Bakthavatsalam’s Medal/Prize
- M.Sc First rank – Annamalai University – 1980- Prof. T.N.Muthuswami Iyer’s Gold medal
- State level Medal for Painting competition-1979- Annamalai University
- Praja Ratna Award –2002- Karnataka Media Academy awarded through The Praja matha

## 13. ADDITIONAL TRAINING / FACULTY IMPROVEMENT / ORIENTATION

Period		Nature of Programme	Institution	Remarks
From	To			
1989		DCA-Teachers’ Training Programme of Dept. of Electronics, GOI	SJCE, Mysore	Data Processing Module
1988	1988	N.S.S Programme Officer V.O.C.College, Tuticorin	Avinashilingam Home Science Univ.Coimbatore	NSS PO orientation
1983	1986	FIP teacher Fellow – UGC	Mysore University	Carried out Ph.D Research
2005	2005	EDUSAT Transmission Training- CEC-ISRO-SAC	CEC-UGC New Delhi	Edusat virtual Class room- SIT operations and maintenance
2007		NAAC PEER TEAM ASSESSORS ORIENTATION	NAAC, Bangalore	New Assessment methods

#### 14. TEACHING AND RESEARCH EXPERIENCES: Total = 29 + years

- PG Teaching 29+ Years
- UG Teaching 14 years
- Research - 24 years
- Administrative - 22 years

#### 15. OTHER ASSIGNMENTS:

- A) PROGRAMME OFFICER- NSS, AT V.O.C.COLLEGE FOR 3 YEARS  
B) HEAD COMPUTER APPLICATIONS SECTION- V.O.C.COLLEGE, TUTICORIN

#### 16. PRINCIPAL INVESTIGATOR OF MAJOR RESEARCH PROJECTS :

Sl. No.	Project Title	Funding Agency	Duration		Grant Amount (INR)
			From	To	
	<i>Principal Investigator for</i>				
1	Manpower Development in GIS ( 3 modules)	DST, Govt. of India	2003	2004	1000000
2	Canal Link Investigation between Krishna and Cauvery	National Water Dev.Auth	2004	2005	500000
3	Prevention and control of Waterlogging : Preparation of a Wise Practice manual	UNESCO	2003	2004	75000
4	SABHAS: System Applicable for Basin-wise hydrological Assessment and Simulation	ISRO	1998/99	2003/2004	625000
5	Numerical Simulation of contaminant transport from Explosive Industries	DTRL/DRDO	1999	2000	90000
6	Geochemical modeling of groundwater forming scales in water supply systems of Salem	DST	1992	1995	900000
7	Numerical modeling for simulation of saltwater encroachment in coastal aquifers	DST	1989	1992	900000
8	Tunnel alignment Investigation from KRS Dam to Mysore City	MUDA	2006	2007	500000

## 17. DETAILS OF Ph.Ds GUIDED AND AWARDED:

Sl.no	Name of Scholar	University	Year of Registration /awarded in	Broad Subject area
1	S.Subramanian, CSIR Fellow	Manonmaniam Sundaranar Univ. TN	AWARDED 1995	Hydrogeological studies in the coastal aquifers
2	R.Chella swamy Lecturer (SG) V.O.C.College, Tuticorin	---do--	1993 awarded in 1999	Hydrogeology- Modelling – River basins
3	P.Venkataraman Lecturer (SG) V.O.C.College, Tuticorin	-do--	1993 Awarded in 1999	Hydrogeology & Modelling – River basins
4	J.F.Lawrence Presidency Autonomous College, Chennai	--do--	Awarded 1996	Digital Evaluation of Groundwater Resources
5	S. Sakthi Murugan CSIR Fellow Presently at CGWB	---do---	Awarded 1997	Simulation of Contaminant Migration
6	S.R.Sanil Res. Scientist Ontario	Mysore University	1995 awarded in 1999	Modelling stream-aquifer interactions
7	K.Elangovan Asst. Prof. P.S.G.Col. of Tech.,Coimbatore	--do--	1995 awarded in 1999	Hydrogeology & Geochemical Modelling
8	A.N.Manoharan Project Scientist Govt of Kerala	--do--	1995 awarded in 1999	Hydrogeology & Numerical modeling
9	M.A.Mohammed Aslam Lecturer, Govt. coll Trivandrum	--do--	1995 awarded in 1999	Hydrogeology
10	R.Dharmaraj, Scientist, CBRI-CSIR Roorkee	--do--	1996 awarded in 2000	Landslides & Modelling
11	Iam Entezam Soltani Govt. official , Iran	--do--	1996 awarded in 2000	Landslides & Modelling
12	Satish Kumar, R Associate DOS in Geology	--do--	2005	Hydrogeology
13	Brijesh V.K.	-do-	2007	Remote sensing & GIS - Hydrology
14	Ms. D. Radhika Asst. professor	Manonmaniam Sundaranar Univ. TN	1993 awarded in 2000	Water for Prawn culture-biological - Inter-disciplinary subject
15	A.P.C.V.C. Veerabahu, Asst. Prof	--do--	1994 awarded in 2000	Environmental science-Inter-disciplinary subjects
16.	K.S.Kadiravan	University of Mysore	Awarded 2010	Hydrogeology

## **18. PUBLICATIONS :**

**A. BOOKS AUTHORED : TWO**

1. “ **Ecology, Environment and Pollution**” - Year -1995, Indira Publishers, Mysore
2. “ **Hydrogeological Mapping for Artificial Recharge of groundwater in Islands**”- UNESCO Publication, 2003

**B. Book Edited : one Remote Sensing & GIS Applications, 2007**

**C. RESEARCH PAPERS PUBLISHED: TOTAL : 105**

**D. Research Reports submitted : Total : 5**

**E. Academic Staff College Study material volumes prepared/edited : Two Volumes**

## **19. WORK ACCOMPLISHED AS DIRECTOR-CULTURE & CULTURAL RELATIONS (PVC Cadre):**

### **ADMINISTRATIVE WORKS :**

- Supporting the University administration in Planning and development
- Managing and supervising Community College
- Supervising Directorate of Distance Education,
- Supervising Academic staff College
- Managing the University Library
- Maintaining the FM radio/ Community radio
- Managing the TV production Studio and Electronic media
- Chairing and Co-ordinating with all Academic and Administrative Committees
- Implementing various projects of the University-
- Monitoring the University projects- WiFi network on Campus, Computer Automation, Internet browsing Centre, Hostels, Canteen, Transport, Departmental space utilization, Day care centre, Health Centre, Purchase and Stores, Civil and Electrical works
- Construction of new Academic Complexes, Sports fields, Hostels, Laboratories, etc
- Providing Guidelines for administrative reforms, examination reforms, academic reforms, teaching learning methods
- Conducting workshops for Principals, HODs, Staff and research Scholars

- Member of Boards of Selection for appointment of Professors, Readers and Lecturers.

**Statutory positions held:**

- Member of Court
- Member of Executive Council
- Member of Academic Council
- Member of Finance Committee
- Member of Planning Board
- Member of Building Committee
- Member of Board of Management in Dir. Distance Education
- Member of Board of Management in Library

**CEC RELATED ACTIVITIES:**

- **Member- CEC Governing Board 2009-2010**
- **Member- CEC & Media Centres Promotion Policies**
- **Member- CECs Scrutinizing Committee of E-content Project Proposals.**
- **Member- CECs Committee on Scrutinizing Applicants for the Post of Joint Director- Software and other Technical staff**

**UGC RELATED ACTIVITIES:**

- **Member- UGC Guidelines for Ph.Ds in Universities (Prof. Thiagarajan Committee)**
- Member of UGC –Executive Council- UGC **INFLIBNET**
- Member & Internal Consultant- UGC’s E-Governance project
- Member of UGC – BOM- Kidwai Institute of Mass Communication- Jamia Milia Islamia
- Member of UGC XI th plan Visiting Team- Consortium for Educational Communication-CEC
- Member of UGC Spot Inspection Team – Park Inst. Of Technology( Deemed University)- Coimbatore
- Member of UGC Spot Inspection Team- D.Y. Patil Educational Institutions- (Deemed University)- Kolhapur



- Member of UGC Spot Inspection Team- AMET- Maritime (Deemed) University- Chennai
- Member of CECs Technical Advisory Committee
- Member of the Committee to review- University's with Potential for Excellence – Mumbai University
- Chairman- CEC's Selection Committee for Appointment of Staff
- Chairman- UGC Committee – Upgradation and Creation of Computer centres in Universities and Colleges
- UGC NET question setting ( two years)
- Expert committee member for innovative projects evaluation & funding
- Member- UGC committee to fund EMMRC's
- Member for evaluating project proposals of State Council for Sci. & Tech- Kerala

#### **IGNOU:**

- E-Governance Project

#### **NAAC –Related Activities(in 2008-2010): ( upto 2008 given separately)**

- Member of NAAC Peer Team- Andhra University- Vishakapatnam
- Member of NAAC Peer Team- Symbiosis International University-Pune
- Member of NAAC Peer Team-University of Kalyani- West Bengal
- Member of NAAC Peer Team- 8 Colleges including National Insurance Academy(Pune), others spread in AP, Gujarat, Rajasthan, Maharashtra
- Member of Academic Administrative Audit Committee- Kuvempu University
- Member of NAAC Peer Team – Acharya Nagarjuna University-Guntur(AP)
- Member- Committee to assess the University with Potential for Excellence- Mumbai University-

#### **AT PONDICHERRY UNIVERSITY:**

- Chairman – **Academic Advisory Committee**
- Chairman- Purchase Committees
- Chairman- Affiliation Committees
- Chairman- monitoring Committee - **Centre for women's studies**

- Chairman- Selection Committee for Lecturers and research Assts/Fellows, Technical and other Non-Teaching staff
- Chairman- Committees for maintenance of Transport, Canteen and Library.
- Chairman- **School Board of Medicine** (curriculum development for MBBS, MD, Nursing and other courses)
- Chairman- **School Board of Law**( curriculum development of LLB,LLM courses)
- Chairman- **Boards of Studies in Media and Communication** Courses
- Chairman- Establishment of **Twinning Programmes** of the Directorate of distance Education
- Chairman- **MoU Establishment** Committee with overseas universities
- Chairman- Anti-Ragging measures Committee
- Member of Selection Committee- Appointment of **Director- Academic Staff College**
- Member of Selection Committee- Appointment of Teaching Positions in ASC,DDE
- Member of Selection Committees-Appointment of Technical staff in Electronic Media
- **Editor- University Newsletter from 2008 to 2009**
- **Chairperson- Staff Selection – Community College**

#### **Other Universities:**

- Madurai Kamaraj University- BOM- EMMRC
- Tamil University- Thanjavur- Ocean Science and Technology Centre
- Bharathidasan University-SAP Advisory Committee- Educational technology
- Bharathiar University- Electronic media Centre

#### **Fresh Work Completed at Pondicherry University:**

- Established the centre for Electronic Media and Mass Communication
- Established the Community Radio Station under FM 107.8 MHz
- Started M.Sc in Electronic media Course
- Started M.A. in Mass Communication Course
- Started releasing University Newsletter and Student's Journal
- Started producing Educational Documentaries in audio and video formats

- **Started Coastal Disaster management Centre and Course at Port Blair(Andamans)**
- Co-ordinating with UT state Government in its academic programme improvement, preparation of State University's Act

## **20. WORK ACCOMPLISHMENT AS DIRECTOR – Educational Multimedia Research Centre (EMMRC)-Mysore \***

- Managed all aspects of administration and finance of the Media Research Centre Supervised the Television documentary production of the centre
- Directed TV documentaries on various themes pertaining to culture, heritage, cultural relations, innovations, enrichment of knowledge, skills and human development
- Designed TV Studios with digital tools and techniques in three universities
- Developed e-learning modules for higher education (E-contents & Learning Objects)
- Conducted trainers' orientation for over 2000 teaching faculties in two years (2006 & 2007)
- Written documentary scripts for Environmental Education programmes
- Co-ordinated the Consortium for Educational Communication (of UGC) for its E-content development initiatives
- Developed multimedia resources for teaching learning
- Supervised Live Telecast of interactive virtual class-room programmes using EDUSAT
- Motivated and encouraged the Cable TV operators to showcase free-to-air channels
- Delivered invited lectures on popularization of science and technology,
- Acquired adequate professional competency in media and media culture, Media hardware, software and Satellite Interactive Terminal equipment.
- Carried out surveys on media usage from students of colleges
- Co-ordinated with Doordarshan, Karnataka Media Academy and Universities in media professional development and media analysis
- Offered consultancy services to other institutions and ICT industries in using media infrastructure and expertise
- Mobilized resources through consultancy and technical services
- Carried out adhoc appointments of media and office staff as per the need
- Permitted technical and administrative staff to attend academic and production oriented conferences, workshops and seminars

- Assisted the UGC as Expert Committee member and consultant for its e-UGC project
- Created Networking Facility in the Centre
- Facilitated students of other universities to undergo internship programmes
- Sanctioned and incurred expenditure for purchase of video equipment, office equipment, and other infrastructural facilities
- Assigned production of programmes to in-house and freelance producers
- Delivered Video Lectures on various themes which are regularly telecast in Doordarshan and Gyan Darshan
- Promoted cultural relations in programmes conducted by UNESCO Clubs, Rotary International, Institution of Engineers, Administrative Training Institute, Police Academy, Insurance Corporation, Lions Clubs, Management institutes and Academic staff colleges.

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EMMRC is an autonomous unit of the UGC established in the University of Mysore under an MoU for producing educational documentary films for telecast through DD-1, Gyan Darshan and promote video based lecture programmes in higher education.

## 21. DIRECTOR- CENTRE FOR INFORMATION SCIENCE AND TECHNOLOGY (CIST)\*

- Founded this Modern School of ICT man-power training and development with a soft-loan from the University of Mysore.
- Designed the curriculum and developed the teaching learning methods of the **following courses** of ICT
  - *PG Diploma in Software Development*
  - *PG Diploma in E-Commerce*
  - *PG Diploma in GIS*
  - *PG Diploma in Bioinformatics*
  - *PG Diploma in Multimedia Technology*
  - *PG Diploma in Clinical Informatics*
  - *Diploma in Architectural Drafting*
  - *Diploma in Multimedia Production*
  - *Diploma in Publications Design*
  - *Certificate in Office automation*
  - *Certificate in Educational Information Technology for Teachers*
  - *Certificate in IT awareness for Working women*
  - *Certificate in IT for House-wives*
  - *Short-term courses on ICT skills, Personality development*
  - *ICT Awareness Programmes for School Children*

- Selected and monitored the participating training agencies outside university limits for off-campus programmes (ECIT, Edutech Informatics, Aptech, Asset, Comat technologies, etc)
- Defined the course and fee structures; Established an ICT Library with Digital resources
- Conducted the internal tests, Terminal Semester Examinations and carried out expert evaluation
- Certified the passed candidates
- Maintained and upgraded the hardware, software and reference material
- Liaised with the Governing council, University Administration participating agencies and industries
- Maintenance of financial accounts / statements.
- Formation and chairing of Managing Committee, Evaluation Committee, and Sub-Committees for the guided functioning and integrated development of the CENTRE.
- Protected the CENTRE and the University from court cases and legal claims due to any act of omission or commission( No cases)
- Sanctioned and incurred all the expenditure on items like purchase of capital goods, office equipment, furniture, air conditioning plants, power generators and their maintenance; Purchase of books, audio / Video tapes, journals, magazines, microfilms and their maintenance; Purchase of consumables, stores, apparatus etc.; Services, Hiring of equipment, vehicles, Printing of prospectus and other books, advertising in media, Hospitality, incidental expenses on visiting faculty and technical and other personal
- Initiated all the appointments of teaching and non-teaching faculty and assigned the teaching and training work to various staff members
- Prepared the schedule of work and allocated to all staff members and Trained about 3000 students and helped in their placement services.
- Prepared the proposals to various Programmes including budgetary estimates for such activities and for the year.
- Prepared the statement of expenditure and annual budget and audited the accounts every year
- Sanction payment of advances and leaves to the staff as per University Rules
- Permitted the staff members to attend to Seminars, Conferences, Trade Exhibitions etc. and sanctioned expenses for travel and other purposes
- **Obtained ISO-9001-2000 Certification for providing Quality education.**

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\* CIST is an autonomous unit of the University of Mysore established for offering job oriented ICT courses to the aspiring students to enter in to ICT industries. Estd. 1999; Founder Director

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## **22. DIRECTOR- MYSORE UNIVERSITY PRINTING PRESS**

- Looked after the routine administration of the printing press
- Carried out Printing of Text Books, University Prospectus and University profile
- Sanctioned leave and other privileges to the employees
- Upgraded the computer section
- Improved the Screen Printing section
- Maintained the book of accounts
- Conducted review meetings and stock verification
- Improved the inter-personal skills of employees.

## **23. SPECIAL OFFICER- ADMINISTRATIVE EXPERIENCE – UNIVERSITY OF MYSORE**

### **SPECIAL OFFICER- Planning, Monitoring and Evaluation of University Programmes**

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- Provided ICT training to Non-teaching staff of the University Administration
- Promoted R & D works among faculties by providing all details of funding agencies, avenues to establish MoUs with other institutions
- Conducted programmes on culture, value education, spirituality, globalization of higher education, ICT involvement
- Facilitated to adopt villages and established a society for Rural Technology Transfer
- Prepared the draft statutes for establishment of Overseas study centre-Off campus programmes of the University, Centre for Women's studies, Dr. B. R. Ambedkar centre for PG studies, Centre for Ecotechnology, Autonomous colleges, CIST, Bahadur Institute of Management Sciences and other units
- Updated the regulations with respect to PG courses/ M.Phil and Ph.D Programmes of the University
- Co-ordinated for University's Assessment and Accreditation by NAAC in 1998-99
- Worked as editorial committee member for University's Newsletter in English
- Mobilized funding for the development of PG centers located at Mandya and Hassan
- Assisted in the restoration of heritage buildings by mobilising funds from Corporate Foundations ( Infosys)

- Promoted a single window procedure for overseas students
- Obtained UGC funding for the yoga, meditation and spirituality study center
- Established MoUs with computer training agencies like Aptech, Asset International, ECIT, Edutech Informatics, CMC, Sawant Infocom, and Mous with overseas institutions
- Promoted all activities of University- Industry interaction
- Obtained funding for constructing the Working Women's Hostel at Mysore University from Ministry of Women and Child Development, GOI.
- Obtained funding from MHRD for the Students Hostel at Mandya
- Promoted the activities of the Employment Guidance Bureau and released its BULLETIN
- Arranged special programmes during Foundation day/ National Science Day/ Ambedkar Jayanthi/ Gandhi Jayanthi and other ceremonial functions
- Co-ordinated the MANASA EXHIBITION(s) of the university
- Helped for the improved functioning of university support services like like Library and Computer center
- Initiated for the foundation of the Inter-University Center for the History of Science, with UGC Assistance
- Conducted Value and Spiritual Education Programmes by establishing MoU with the Brahma Kumari Vidyapeeth, Mount Abu.
- Supervised the functioning of the PDI( Planning, Development and Implementation ) section of the University
- Taken steps to get funds from various funding agencies for on-going programmes pertaining to projects and centres.
- Monitored the functioning of University's Nominated chairs
- Co-ordinated for ICT involvement in Finance, Establishment and Examination Branches of the University
- Co-ordinated for distribution of UGCs un-assigned grants for travel, minor and other research programmes
- Arranged for Review meetings of various schemes.

**Interfacing University Administrative Sections like:**

- Planning and development, Implementation and Monitoring
- Resource Mobilization and MoUs for International Collaboration
- Establishment- Scheduling, Civil and Man-power, Contracts, Estate & properties

- General Administration- Meetings, Communication and Co-ordination
- Authorities- Statutory Bodies, Policies, Acts
- Preparation of all new statutes( Autonomous Colleges, Dr. B.R. Ambedkar centre for PG studies, College development Council, preparation of ordinances, Regulations for UG/PG admissions, Ph.D and D.Sc, Diploma and certificate courses, outreach courses
- Preparation of Statutes, ordinances, regulations, guidelines and
- Legal Cell- alternative dispute resolution, mediation, arbitration and settlements of cases
- Academic Section for UG and PG education- Curriculum development and review-BOS
- Academic Section for Ph.D – registration, bench fee, recognition of guides and centres
- Academic Section for Certification of equivalence, overseas student admissions, linking ICCR
- University's Development with UGC and other Central agencies- Funding
- University's Development with state and other local agencies-funding
- Academic and research Support with Scholarships, fellowships, Nominated Chairs and Visiting faculties
- Preparation of University departments and sections for assessment and accreditation, Inspections
- Establishment of PG centres and Mandya and Hassan
- Collaboration with Chinese Universities for Dual Degree programmes
- Establishment of the Directorate of Distance Education and Outreach centres
- Maintenance of Career counselling Centre, Information and Communication division, Students Welfare, Special Coaching centres, constituent colleges including Yuvaraja's College, Maharaja's College, College of Fine Arts, College of Physical Education, centre for Information Science and technology, University printing Press, Prasara, Folklore Museum, Health centres, Canteens, gardens, etc
- Maintenance of Sports infrastructure, playfield development with MHRDs Support, Sports equipment, yoga and physical sciences
- Construction of working women's Hostels at Mysore, Mandya and Hassan
- Training of Non-teaching staff on computerisation of university data & office automation
- Improvement in Academic Staff College, SC/ST special cell, Centre for Women's Studies, EMMRC, Office of Foreign Student's advisor
- Co-ordination for IQAC- preparation of Internal and External Audit through Internal Quality Assurance Cell, preparation of University's databases
- Mobilisation of funding from state agencies, UGC, CSIR, DST, DBT, ICAR, ICSSR, UNESCO, MHRD-Women and Child Welfare+ Sports & Youth Affairs, ISRO



- Establishment of University's First Website in 2001, Internet Browsing centre, CIST, USD
- Co-ordinator for First NAAC Assessment in 1999, assisted in second Assessment in 2006
- Coordinated to establish the National Centre for History of Science an IUC at Mysore
- Coordinated for SAP, FIST and Ford Foundation programmes - Digital Library/ INFONET
- Established EDUSAT network – virtual Class room facility for video conferencing
- Examination systems, reforms, computerisation, certification, convocation & endowments
- Finance coding of transactions, preparation of Budget Estimates & utilization
- Release of University Publications, Convocation addresses, Prospectus, handbooks, etc
- Helping Affiliated Colleges in academic improvements, students support & Extension
- Organisational Management, administrative team building, ISO certification & Govrenance.

## **24. ACADEMIC EXPERIENCES AS FACULTY, HOD, CO-ORDINATOR-SAP**

### **24 A. CO-ORDINATOR FOR:**

#### **ELECTRONIC MEDIA COURSES:**

##### **In Mysore University :**

- Developed the teaching Learning methods for offering the M.Sc Electronic Media and PG Diploma in Electronic Media courses from 2006
- Conducted the courses with in-house Media professionals and Invited media persons from Industries; Released the Course brochures and compiled the open source courseware for Media Education; organised Screening of National and International Films on social themes
- Developed e-content modules in animation and graphics and Produced video lectures on multimedia training
- Conducted the Examinations of the media courses and Certified the diplomas and marks of students; conducted the meetings of BOS and BOE
- Procured periodically, the books and other learning resources; Procured the Media Equipment and established the Multimedia , Video-audio Editing laboratory for students.
- Assisted other Educational institutions for Media lab upgradation, studio development and staff orientation.

**In Pondicherry University:**

- Developed the curriculum for M.Sc in Electronic Media and M.A. in Media and Communication in 2007
- Supervising the establishment of Media Studios
- Prepared the draft proposal for establishing the Centre for Electronic media and Communication Research (CEMCORE)

**24 B. CO-ORDINATED FOR ELECTRONIC MEDIA COURSES**

**In Calicut University:**

- Developed the curriculum for B.Sc Multimedia Technology Course and structured the teaching Learning methods in 2006
- Developed the curriculum for B.Sc in Virtual media courses in 2007

**In Bharathidasan University:**

- Actively Participated in the curriculum development of the five year integrated master degree course in Media and Communication
- Worked as examiner, set questions and valued answer scripts of the said course
- Working as the UGC Visiting faculty for the course
- Member of the UGC SAP committee for improving the Educational Technology facilities and carrying out R&D in Media and Communication

**In Bharathiar University:**

- Actively Participated in the curriculum development of the five year integrated master degree course in Media and Communication
- Worked as examiner, set questions and valued answer scripts of the said course

**In Women's University, Bijapur:**

- Actively Participated in the curriculum development of the Two year Master degree course in Journalism and Mass Communication

#### **24 C. PRESIDENT OF IT PROFESSIONALS FORUM –MYSORE CHAPTER:**

- Carried out various promotional activities to the IT professionals of Mysore City by forming a Local Chapter of the IT Professionals Forum of India (Headquarters: Bangalore)
- Conducted an International Conference on Problems and Prospects of ICT in India with participants from different countries.
- Conducted a National Seminar on WWW Education under the aegis of ITPF, Bangalore
- Conducted monthly meetings of the Forum in the University Campus with the support of Industrialists and companies.
- Conducted placement related activities to students of ICT with the support of ITPF
- Conducted orientation programmes to students of ICT in Mysore for facing placement interviews and personality improvement
- Arranged ITPF information booths in State Exhibitions
- Participated in all decision making programmes of ITPF in India
- Worked as executive council member of ITPF
- Conducted awareness camps at HUBLI for IT professionals from Mysore Chapter

#### **24 D. UNESCO CONSULTANT TO MALDIVES:**

- Worked as Subject expert to train the staff members of Maldives Water Supply and Sanitation Authority(MWSA) in Mapping Islands for environmental impact assessments and Water Quality protection
- Carried out Hydrogeological and environmental investigations on selected Islands of Maldives
- Prepared the approach paper for protecting the groundwater resources of Islands for the Republic of Maldives.
- Prepared Guidelines for water and sanitation works in Islands
- Given special training on Modelling methods
- Evolved a monitoring mechanism for environmental protection of island waters
- Conducted awareness workshops to the island women about water and sanitation issues.
- Participated in Environmental Day celebrations of Islands

## **24 E. CO-ORDINATOR/ DY. CO-ORDINATOR UGC SAP programmes in Geology :**

- Worked as Co-ordinator of the UGC –SAP programme of the department of geology and working as a Dy.Co-ordinator also
- Arranged for preparation of project proposals and taken steps to implement the project with the UGC's Assistance
- Monitored the progress of research and taken steps to finalise the accounts
- Promoted all academic and research activities of various expert groups and helped their research scholars in their academic progression.

## **24 F. CHAIRMAN- DEPARTMENT OF STUDIES IN GEOLOGY:**

- Carried-out the routine activities of the department from admission, teaching to examination
- Certified the passed out candidates
- Arranged to provide them field experience and laboratory exposure
- Taken steps to maintain the equipments and laboratories
- Taken steps to Implement the FIST programme of DST and attended its review meetings
- Taken steps to network the ICT resources of the department.

## **24 G. COURSES TAUGHT:**

### **1) In Earth Sciences: M.Sc Geology/Applied Geology / Earth Science and Resource Management**

- Remote Sensing and Photogeology
- Computer Applications in Earth Sciences
- Hydrogeology
- Geo-exploration
- Environmental Geology
- Applied Geomorphology
- Natural Resources management
- Urban & Environmental planning

## **. In Environmental Sciences : M.Sc Environmental Science**

- Remote sensing and Photogeology
- Hydrogeology
- Environmental Impact Assessment
- Pollution Control
- Natural Hazards
- Ecosystems analysis

## **2) In Information and Communication Technology : All PG Diploma courses**

- Computer System architecture
- Programming methods and techniques
- Programming using VB, VFP, Quickbasic, Fortran, COBOL, dBASE
- Systems analysis and design
- Numerical methods and statistical methods
- Information systems
- Multimedia production tools
- GIS
- Digital Image processing
- Clinical Information systems
- Digital cartography and CAD
- Architectural drafting and townplanning
- Data Communication and networking
- E-commerce applications
- Bio-informatics Applications and software tools
- Computer Graphics and animation tools
- Computer applications for office automation

## **3) In Multimedia: Electronic Media- M.Sc**

- Visual Communication
- Digital Media Instrumentation
- Digital Audio editing
- Digital Video Editing

- Script writing
- Production planning
- Computer Graphics and animation
- Internet technologies

## 25. MEMBERSHIP HELD IN UNIVERSITY AUTHORITIES (Senate, Syndicate, Academic Council, Dean, Finance Committee And Other Statutory Bodies)

University	Authority	Period	
		From	To
Mysore University	Academic Council	1995	2000
Mysore University	Member- Faculty of Science	1995	2007
Mangalore University	Member- Faculty of Science	2003	2005
Bangalore University	Member- Faculty of Science	2003	2003
Bangalore University	Member- Faculty of Science	2006	2007
Pondicherry University	Member – Academic Council	2007	
Autonomous Colleges in Mysore University	Member – Academic Council JSS College for Women- Mysore	2006	

Membership In College Affiliation Committees-		
University of Mysore		
Year	College Visited	Position held
2007	Four colleges	Member of LIC
2006	Three colleges	Member of LIC
2003/04	Three colleges	Member of LIC, CDC UOM
2005	Three colleges	Member
2006	Three colleges	Member
University of Kashmir		
2003	One college	Member

### a. MEMBER OF BOARDS OF APPOINTMENTS:

Year	University	Subject	Appointment of
2007	Pondicherry University	Electronic Media & Mass Communications	Reader & Lecturers
2005	Bharathiar University, Coimbatore	Educational technology	Professor
2005	Bharathidasan University, Trichy	Geology	Lecturers and Reader
2004	Mysore	Geology	Lecturers
2005/2006	University of Madras	Geology	Lecturers
2003	Karnatak University	Geology	Professors
2003	Mangalore University	Geology and Marine	Readers and

		geology	Lecturers
2003	Mysore University	AVRC	AVRC staff-(producers)
2001& 2004	Bangalore University	Geology	Lecturers/readers to professors
2001	Pondicherry Univ.	Geology	Lecturers
2006 & 2007	AIISH, Mysore	Systems Engineering	Systems Engineer
2005	Baharathidasan University. Trichy	Geology	Reader & Lecturers
2005	Pondicherry University	Geology	Professor
2007	Pondicherry University	Electronic media Coastal disaster Management	Professor, Reader, Lecturers

#### b. CHAIRMAN IN BOARD OF STUDIES

Pondicherry University	-BOS in Electronic Media Courses- 2007
University of Mysore	BOS in Science and technology Communications -2006 onwards
University of Mysore	BOS – Geology & Applied Geology, Env. Science (From 1997-1998)
University of Calicut	BOS in Electronic Multi-Media Courses -2007 onwards

#### 26. CHAIRMAN IN BOARD OF EXAMINATIONS

University of Mysore	Electronic Media courses ( M.Sc and PG Diploma) 2006 onwards
Annamalai University	BOE in M.Sc Geology / Applied Geology (1999-2000)
Karnaaka State Open University	BOE in M.Sc IT& B.Sc IT (2004-2005)
University of Mysore	BOE- Geology, Applied geology, Env. Science(1998)

#### 27. MEMBERSHIP IN BOARDS OF STUDIES

Calicut University	BOS in Mulimedia 2006-2007
Bharathidasan University Trichy	BOS in Media & Communications 2006-2007
Bharathiar University Coimbatore	BOS in Electronic Media & Communications from 2007
Bangalore University	BOS in Earth and Atmospheric Sciences 2007
University of Mysore	BOS in Environmental Science

	( from 1999)
University of Mysore	BOS in Journalism and Mass Communication – 2006 -2007
-do-	BOS in Geology from 1994
-do-	BOS in the Univ. School of design( 2005-2006)
Mangalore University	BOS in Marine Geology
Karnatak University	BOS in Geology
University of Mysore	Interdisciplinary Board of Studies
Pondicherry University	Coastal Disaster Management -2007

## 28. MEMBER IN BOARD OF EXAMINATIONS

University of Mysore	BOE in M.Sc Geology & AG (from 1994)
Kuvempu University	BOE in M.Sc Applied Geology/ESNRM ( 1999-2006)
Karnatak University	Various Years since from 1998-2004
Bharathidasan University	M.Sc Media and Communication 2005-2007
Bharathiar University	M.Sc in Media and Communication- 2006-2008

## 29. MEMBER OF OTHER COMMITTEES:

2002	Academic Advisory Committee in Academic Staff College	Progress evaluation, development and perspective plan
1999	SLET -Karnataka	Question setting and valuation
2005-2006	CEC-Expert Committee on E-learning	Preparing Action Plan
2006-2007	Academic Council, JSS College for Women, Mysore	Approving all academic matters
2007	Academic Audit Committee JSS Law College, Mysore	Academic and administrative audit carried out
2007	Advisory Committee, E-Governance Course, Mahajana's College, Mysore	Developed curriculum for PG Diploma in E-governance
2006-2007	Governing Council of CIST, University of Mysore	Action Plan, Progress review, management related issues, staff recruitment and promotion

## 30. EDITORIAL COMMITTEE MEMBER:

Year	Name of Journal/ newsletter
2000 to 2003	Mysore University Newsletter



2008	Pondicherry University Newsletter
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Year of Involvement	Name of Journal
1998	Journal of the Geol. Society of India Bangalore
2005	-Do-
1991	Reviewed the Research Papers of the National Publication "INLAND WATER RESOURCES:INDIA",- NAGARJUNA UNIVERSITY-1991.
2000	Reviewer- papers in " Current Science"

### 31. DETAILS OF VISITS ABROAD ( (BETWEEN 1998 AND 2007)

Year	Duration	Purpose	Sponsored by
January 2005	10 days	Visit to 10 Chinese Universities with the Vice-Chancellor	University of Mysore
May 2003 Copenhagen- Denmark	5 days	Participation and Presenting a paper at the 3 <sup>rd</sup> Int. Conf. of Professional Engineers and Scientist organisation.	The Society of Danish Engineers, Copenhagen, supported by UNI –Nyon
April –2001 Maldives	25 days	Training The Water Supply and sanitation officials of Maldives	UNESCO, New Delhi
1990	2 days	Visit to Singapore	DST
January 2005	2 days	Visit to Hong Kong	University of Mysore
January 2005	2 days	Visit to Bangkok	University of Mysore
March 2006	7 days	Sri Lanka and Maldives	University of Mysore

### 32. PROGRAMMES ORGANISED AT NATIONAL / INTERNATIONAL LEVELS (1998-2004)

Position held*	Programme	Sponsor	Year
Co-ordinator	E-content Development-Batch-2	CEC-UGC, New Delhi EDUSAT course	2006 Nov.
Co-ordinator	E-Scripting Course	CEC-UGC, New Delhi EDUSAT course	2006 Aug.
Co-ordinator	GIS applications	CEC-EDusat course	2006
Co-ordinator	E-content Development-Batch-1	CEC-UGC, New Delhi EDUSAT course	2005 Nov
Convener	Int. Conference on Geoinformatics 2004	UGC, DST/CSIR	2004
Organising Secretary	International Workshop on Institutional Strengthening	DST and Survey of India	2004 ( 1 <sup>st</sup> and 2 <sup>nd</sup> Feb)

	of GIS databases		
Convener	Nat. workshop on Understanding GIS	DST, New Delhi	2003 ( 27 <sup>th</sup> Oct. to 25 <sup>th</sup> Nov.)
Co-ordinator	Orientation programme for Survey and Settlement officials	Town planning Dept.	2003( 8 <sup>th</sup> to 10 <sup>th</sup> Oct)
Convener	Workshop on Hydrogeological mapping for Sanitary officials of Maldives	UNESCO New Delhi	2002 ( June)
Convener	Int. Conf. on Problems and Prospects of IT Professionals	Union Network International, Geneva, Univ. of Mysore	2002 ( 14 <sup>th</sup> Jan)
Convener	Nat. Seminar on WWW education	Union Network International, Geneva, Univ. of Mysore, CSIR	2002 ( 15 <sup>th</sup> and 16 <sup>th</sup> , Jan)
Organizing Secretary / co-ordinator	Roundtable on Internationalisation of higher education	AIU, New Delhi & University of Mysore	2001 ( 26 <sup>th</sup> to 28 <sup>th</sup> , February)
Convener	National Workshop on Bioinformatics	Self-Financing CIST, UOM	2003(28 <sup>th</sup> July to 11 <sup>th</sup> August)
Convener	National Workshop on Multimedia	Self-financing, CIST, UOM	2003(28 <sup>th</sup> July to 11 <sup>th</sup> August)
Co-ordinator	Orientation Programme for veterinary & Animal Sciences Teachers of TN	Academic Staff college, UOM	1998 ( 10-6-1998-20-6-1998)
Co-ordinator	Short-term Course on Modelling Groundwater systems	Self-financing, Dept. of Studies in Geology UOM	1998 ( 7 to 29-4-1998)
<i>Co-ordinator</i>	UGC refresher course in environmental edn. programme	Academic Staff College, University of Myspre	- AUG.1996

### **33. DETAILS OF PARTICIPATION IN SEMINARS/SYMPOSIUM/ CONFERENCES IN INDIA ( from 1998 TO 2007 only )**

Level of Participation*	Organised by	Title of Programme (International/National/Institution)	Year
Delegate	International Labour Organisation, Regional Off. New Delhi	ILO's Tripartite Workshop on Employment dynamics in Information Technology ( 7-8 May 2002)	2002
Inaugural address	Dept. Of Studies in Geography, University of Mysore	National Seminar of Natural Resources for Sustainable Development (2004)	2004

Inaugural Address	CSRTI, Mysore	Intensive workshop on Bioinformatics (3-2-2003)	2003
Invited Lecture	Dept. of Mech, Engg, SJCE, Mysore	Workshop on Mathematical Modelling (8-8-2003)	2003
Invited Lecture	Lady Doak College - Dept. of Botany, Madurai	National Conference on recent Trends in Plant Biotechnology (17-7-2003)	2003
Invited lecture	SJCE-STEP, Mysore	Training for Engineers of Environmental Sanitation project (21-7-1998)	1998
Key note	Dept. of Geology V.O.C.College, Tuticorin	National Seminar on geoinformatics (2003)	2003
Key note	Bharathi Dasan University, Trichy	National Seminar on Water-2003	2003
Key note	Anna University	Modelling in Hydrogeology- UNESCO International workshop ( Dec.2001)	2001
Key note	DOS Geology, UOM	Indian Geol Congress-1999 National Seminar	1999
Key note address	RC College, Bangalore	E-learning Methods	2007
Key note Address	Dept. of Civil Engg., PES college, Mandya	Rainwater harvesting (20 <sup>th</sup> Sept. 2003)	2003
Key note address	PSG College of Technology, Coimbatore	National Conference of Geoinformatics 2000 (18-11-2000)	2000
Key note address	Dept. of Studies in Geology, University of Mysore	National Sem. On “Challenges in Pre-Cambrian Geology in the new Millennium” ( 17&18 <sup>th</sup> Jan-2001)	2001

Member	UGC-Consortium of Educational Communications, New Delhi	National level Workshop for EDUSAT	2005
Participant	Karnataka Police Academy, Bangalore	Disaster management workshop	2006
Participant	Union Network International, & Belgium Govt. At Mumbai	Participatory Identification Workshop- (Information technology Professionals development Related) ( 10 <sup>th</sup> to 14 <sup>th</sup> July 2003)	2003
Participant & presented a paper	Society of Danish Engineers, Copenhagen, Denmark	Brain drain and Brain Gain, Paper presented in the third International Conference on Professional engineer and scientific organizations, Society of Danish Engineers, Copenhagen (May-2003)	2003
Presented a joint author paper	PSG College of Technology, Coimbatore	National Conference of Geoinformatics 2000 (18-11-2000)	2000
Rapporteur of a session	UGC-Consortium of Educational Communications, New Delhi	National Conference on Impact of technology on Multimedia	2005
Resource Person	DMR College, Nagapattinam	E-Content development methods	2007
Resource Person	St.Agnus College Mangalore	E-Content Development methods	2007
Resource Person	Academic Staff College, Pondicherry University	Automation and ICT in Colleges	2007

### 34. RESOURCE PERSON IN REFRESHER COURSES / ORIENTATION PROGRAMME / OTHER TRAININGS

( ASC= Academic Staff College; ATI= Administrative Training Institute)

Nature of Participation*	Programme	Institution	Month	Year
Resource person - Educational technology	Refresher Courses -10	ASC Pondicherry University		2007-2008
Resource person - Educational technology	Refresher Courses -5	ASC Bharathidasan University		2006-2007
Resource person Educational technology	Refresher Courses -10	ASC Bharatiar University		2007-2007

Resource person Educational technology	Orientation programmes	Christ College, Bangalore		2006-2007
Resource person- Educational technology	Orientation programmes	St.Agnus College, Mangalore		2006-2007
Resource person- Educational technology	Orientation programmes	DMR College Nagapattinam		2006-2007
Resource person- Educational technology	Orientation programmes	Navodaya Vidyalaya Pondicherry		2007
Resource person- Educational technology	Orientation programmes -3	Tamil nadu Agricultural University		2006-2007
Resource Person	OP	ASC-UOM	July	2007
Resource Person	OP	ASC-UOM	Aug	2007

Resource Person	Orientation for Principals	ATI-Mysore	Aug	2007
Resource Person	Orientation for Principals	ATI-Mysore	May	2007
Resource Person	Orientation for Principals	ATI-Mysore	March	2007
Resource Person	Orientation for Principals	ATI-Mysore	Feb	2007
Resource Person	Orientation for Principals	ATI-Mysore	Jan	2007
Resource Person	OP	ASC-UOM	3-10-06	2006
Resource Person	OP	ASC-UOM	4&7 -11-06	2006
Resource Person	Orientation for Principals	ATI-Mysore	7 Janu	2006
Resource Person	Orientation for Principals	ATI-Mysore	19&21-Janu	2006
Resource Person	Orientation for Principals	ATI-Mysore	9&11-March	2006
Resource Person	Orientation for Principals	ATI-Mysore	20&22 April	2006
Resource Person	Orientation for Principals	ATI-Mysore	18&20 May	2006
Resource Person	Orientation for Principals	ATI-Mysore	25&27 May	2006
Resource Person	Orientation for Principals	ATI-Mysore	2, 4 &16 Feb	2006
Resource Person	Orientation for Principals	ATI-Mysore	23&25 Feb	2006
Resource Person	Orientation course	ASC- Venkteswara University-Tirupati	2-12-2006	2006
Resource Person	Orientation Course	ASC- Bharathiar University, Coimbatore	15&16 March	2005

Resource Person	Orientation Course	ASC- Bharathiar University, Coimbatore	23 March	2006
Resource Person	Orientation Course	ASC- Bharathidasan University, Trichy	14 & 15 June	2006
Resource Person	Orientation Course	ASC- Bharathidasan University, Trichy	17 Aug.	2006
Resource Person	Orientation Course	ASC Bangalore University	20 <sup>th</sup> Jan.	2006
Resource Person	E-learning Course	RC College Bangalore	26 sept.	2006
Resource Person	E-learning Course	Christ College, Bangalore	5 <sup>th</sup> Oct.	2006
Resource Person	Refresher course	TN Agri Unive. Coimbatore	13&14 June	2006
Resource person	54 <sup>th</sup> OP on IT	ASC, Bharathiyar University, Coimb.	18 & 19-3-2004	2004
Resource person	Ref. Courses 2 subjects	ASC, BharathiDasan University	17-3-2004	2004
Resource person	Training for Police Inspectors	Karnataka Police Academi, Mysore	April	2004
Invited Lecture	Seminar of Fresh water Crisis	Institution of Engineers, Mysore	27-7-2003	2003
Resource person	Ref. Course	ASC, BharathiDasan University	17-3-2003	2003
Resource person	NCERT- CIET teachers	ASC, BharathiDasan University	31-3-2003	2003
Resource person	Teachers Trg. In Environment	RIE, Mysore	5-3-2003	2003
Invited Lecture	Workshop on Developments in Higher Education	Ramakrishna Inst. Of Moral and Spiritual Education	28-2-2003	2003
Resource person	52 <sup>nd</sup> OP	ASC, Mysore	3-6-2002	2002
Resource person	54 <sup>th</sup> OP	ASC, Mysore	9-12-2002	2002
Resource person	1st Ref. C- Psychology	ASC, Mysore	14-12-2002	2002
Resource person	56 <sup>th</sup> OP	ASC, Mysore	15-3-2003	2003
Resource person	13 <sup>th</sup> Ref. C.in Library & Information Science	ASC, Mysore	11, 12, 13 -12-2003	2003
Resource person	Dept. of Civil Engg. ISTE STTP	Regional Engineering College, Calicut	24-11-2001	2001
Resource person	13 <sup>th</sup> Ref. C in English	ASC, UOM	20& 21 -11-2001	2001
Invited lectures	Dept. of Earth Sciences	Pondicherry University	30 <sup>th</sup> & 31-3-2001	2001
Resource person	49 <sup>th</sup> OP	ASC, UOM	9-7-2001	2001
Resource person	2 <sup>nd</sup> Ref. C- Physical edn	ASC, UOM	14-2-2001	2001
Resource person	8 <sup>th</sup> Ref. C-History	ASC, UOM	5-2-2001	2001
Resource person	38 <sup>th</sup> OP	ASC, UOM	9 & 29-10-99	1999
Resource person	37 <sup>th</sup> OP	ASC, UOM	11-6-1999	1999

Resource person	33 <sup>rd</sup> OP	ASC, UOM	17 & 23 -6-1998	1998
Resource person	32 <sup>nd</sup> OP	ASC, UOM	18-5-1998	1998
Resource person	4 <sup>th</sup> Ref. C- Maths	ASC, UOM	4-12-98	1998
Resource person	OP for TN Teachers ( Veterinary Sciences)	ASC, Mysore	12-5-98	1998
Resource person	UGC Refresher course: Groundwater Modelling	Department of studies in Geology, University of Mysore, Mysore -	March	1992
Resource person	UGC Refresher course: computer application in coastal aquifer studies	School of Earth Sciences, Bharathidasan Univ. Tiruchirapalli		1990
Resource Person	UGC Refereshner course : on computer application in Groundwater studies	School of Earth Sciences, Bharathidasan Univ. Tiruchirapalli	April	1990
Resource person	UGC National Workshop on Groundwater	Dept. of Applied Geology, Univ. of Madras, Guindy Campus, Madras-25		1989

### 35. PARTICIPATION IN EXTENSION ACTIVITIES

- NSS
- Remedial coaching                    yes ( Done through Sc/ST Special Cell)
- Rural Development Schemes        yes ( Village adoption- )
- Voluntary Organization              NGO at Mysore
- Educational Societies                yes ( Departmental)

### 36. CONSULTANCY SERVICES

Year	Organisation	Nature of Consultancy	Nature of Benefits received
2004	National water Development Authority, Govt. Of India	Geophysical Soundings for Canal Link Project from Andhra Pradesh to Tamil Nadu	Geophysical data and delineated the depth zones of the canal to be laid by the Govt. University Got 40 % share
2001	MWSA, Maldives	Guidance to govt. staff UNESCO Consultant to the republic of Maldives	Training
2002	Mysore University Employees Housing Scheme	Groundwater prospecting	Database

	Layout		
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### 37. ESTABLISHMENT OF LABORATORIES / SPECIAL FACILITIES

Year	University	Department	Name of Lab established	Facility for
2005	Mysore	EMMRC	Edusat Live telecast Studio and Facility	Educational Telecast of lectures(live)
2001	Mysore	CIST	Computer labs	IT training and hands-on experience in 80 terminals in 3 labs
1998	Mysore	Geology	Geo-Computing lab	Software development in Geology
2006	Mysore	EMMRC	Electronic Media	M.Sc Electronic Media Course

### 38. MEMBERSHIP IN LOCAL /NATIONAL/SOCIAL COMMITTEES

Year	University	Position	Name of the Committee
1999 to 2004	Mysore	Member	in Equivalence committee
2001-2003	Mysore	Member	Internet committee
1998-1999	Mysore	Member	Committee for Partially self-financing programmes
2004-2005	Mysore	Member	Internal Quality Assurance Cell
2005	UGC NET	Member	Advisory Committee
2005	IGNOU	Member	Gyan Vani- Steering Committee
2005	Bharathiar Univ.	Member	EDUSAT-Estd. Committee
2006-2007	UGC	Member	E-Governance Committee
2007	IGNOU	MEMBER	E-GVERNANCE COMMITTEE
2006	MUDA	MEMBER	E-GOVERNANCE COMMITTEE
2007	Board of Management Kidwai Institute of Mass Comm. Jamia Milia Islamia, New Delhi	Member	Progress evaluation, management issues, Hardware, software, courses improvement
2007	Executive Council- INFLIBNET	Member	Management of Library networks, Infonet and Inlibnet activities, funding schemes
2007	DISNIC development of district level databases- NIC,	Member	Improvement of district level databases and usage of GIS data elements and satellite images



	New Delhi – Bangalore		
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2005	UGC NET	Member	Paper Setting
2005	UGC-NET	Member	Observer- Cochin Uni. Of Sc&T
2004	UGC-NET	Member	Observer- Gulbarga Univ.
2006	UGC-NET	Member	Emeritus Selection Board-geology
2005	CSIR-HRDG	Member	Project Evaluation
2003	Member- UGC Committee	Member	Xth Plan UGC allocation to colleges in Kerala

### 39. MEMBERSHIP IN ACADEMIC SOCIETIES

Name of Society	Affiliation	Position
Geological Society of India	F.G.S	Life fellow
Mineralogical society of India	F.M.S	Life fellow
Indian Society of Geomatics		Life Member

### 40. NOMINATED AS MEMBER OF ADVISORY COMMITTEES (upto Dec. 2007)

- Member of Technical Advisory Committee (TAC) in Karnataka State Council for Science and Technology- Nominated by DST for reviewing District Level databases 2003
- Member of Expert Committee Nominated by UGC to allocate funds under UGC 10<sup>th</sup> Plan to the Colleges of Kerala State 2003
- Member Invited by Govt. of Karnataka, Dept. of Higher Education for evolving Career Oriented Value added courses in Degree colleges ( Principal Sec. Sri. VijayaBhaskar ,I.A.S – Chair & Mr. Lukose Vallatharai.I.A.S) 2003
- Member- Advisory group- Cauvery Neeravari Nigama Ltd. , Mysore: Chair- Sri. Thimme Gowda,I.A.S) 2003-2004
- Member of Equivalence Committee, Mysore University, 2003-2006
- Member- technical Committee, Institute of remote Sensing, Anna University, Chennai, 1998
- Member –Purchase of Computers under UGC Xth plan - 2003
- Member – Internal Quality Assurance Cell- University of Mysore, Mysore-2004-2007

#### 41. PEER TEAM MEMBER OF NAAC & SAAC

1999	NAAC Peer Team Member	Visit to Mercy College, Palakkad, Kerala ( 30th Sept. to 2nd Oct. 1999)
2003	NAAC Peer Team Member- Member Co-ordinator	Jijamatha College, Ahmednagar, Maharashtra, (15&16th Dec. 2003)
2003	NAAC Peer Team Member- Member Co-ordinator	Pemraj Sarda College, Ahmednagar Maharashtra, (17&18th Dec. 2003)
2003	NAAC Peer Team Member- Member Co-ordinator	Dadapatil Rajale College of arts and Science, Ahmednagar , Maharashtra ( 19&20th Dec. 2003)
2004	NAAC Peer Team Member	Giriraj Govt. College of Arts and Science, Nizamabad , Andhra Pradesh ( 27&28-Jan-2004)
2004	NAAC Peer Team Member- Member Co-ordinator	Pune Institute of Computer Technology, Pune ( 9&10th Feb 2004)
2004	NAAC Peer Team Member- Member Co-ordinator	S.N.D.T.College of Arts and Commerce, Pune(10&11th Feb 2004)
2004	NAAC Peer Team Member- Member Co-ordinator	Institute of Management Research and Technology, Nasik(13&14th Feb 2004)
2005	NAAC Peer team –Member-co- Co-ordinator	SCIM Govt. College- Tanuku
2005	NAAC Peer team –Member-co- Co-ordinator	SIR C.R.Reddy College, Eluru
2006	NAAC Peer team –Member-co-ordinator	MALD Govt. Degree college, Gadwal AP
2006	NAAC Peer team –Member-co- Co-ordinator	Sri. Venkateswara Arts College, Tirupati
2005/06	NAAC Peer Team Member	St.Pius X College Rajapuram, Kerala
2006	SAAC Peer Team - Bharathidasan University	Two schools in Trichy & Kumbakonam
2007	NAAC Peer Team Member	One Aided College, Kolkatta, WB
2007	NAAC Peer Team Member	Govt. College, Balmer, Rajasthan
2007	NAAC Peer Team Member	Govt. College, Vemulawada, AP
2007	NAAC Peer Team Member	National Insurance Academy, Pune
2007	NAAC Peer Team Member	One Aided College, Ahmedabad , Gujarat
2007	NAAC Peer Team Member	One Aided College, Ahmedabad, Gujarat
2007	NAAC Peer Team Member	One Aided College, Ahmedabad, Gujarat
2007	NAAC Peer Team Member	One Aided College, Ahmedabad, Gujarat
2008	NAAC Peer Team Member	One Aided College, Ahmedabad, Gujarat
2008	NAAC Peer Team Member	One Aided College, Himatnagar, Gujarat
2008	NAAC Peer Team Member	One Aided College, Himatnagar, Gujarat
2008	NAAC Peer Team Member	One Aided College, Junagadh, Gujarat
2008	NAAC Peer Team Member	One Aided College, Paradeep, Orissa
2008	NAAC Peer Team Member	One Aided College, Mahabubabad, A.P
2008	NAAC Peer Team Member	Andhra University, Vishakapatnam
2008	NAAC Peer Team Member	Devi Akalya Visvavidyanilaya, Indore
2008	NAAC Peer Team Member	Shree Patel mahila College, Dhoraji, Gujarat

2008-2009	MEMBER & MEMBER CO-ORDINATOR	10 INSTITUTIONS
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## 42. REVIEWER OF MAJOR RESEARCH PROJECTS IN SCIENCE AND TECHNOLOGY

Year	Name of Review Group	Work attended
2006	PAC-Review of Major Projects – Kerala State Council for Science, tech & Env.	Reviewed project Proposal No: 034/ e&e/05/cste dated 6-2-06
2006	PAC-Review of Major Projects – Kerala State Council for Science, tech & Env.	Reviewed project Proposal No: 002/ SRSENG/2005/cste dated 13-1-06
2006	PAC-Review of Major Projects – Kerala State Council for Science, tech & Env.	Reviewed project Proposal No: 203/ E&E/2006/cste dated 18-7-06
2005	PAC-Review of Major Projects – Kerala State Council for Science, tech & Env.	Reviewed project Proposal No: 046/RDAUG/04/cste dated 8-7-05
2005	PAC-Review of Major Projects – Kerala State Council for Science, tech & Env.	Reviewed project Proposal No: 034/env/05/e&e/cste dated 2-9-05
2004	DST PAC in Earth Science, Govt. of India	Reviewed the Research Project proposal submitted by Dr. R. Dharmaraj, CBRI, CSIR, Roorkee (DST/23(445)SU/2004 dated 8-3-2004)
2004	DST PAC in Earth Science Govt. of India	Reviewed the Research Project Proposal submitted by Dr. R.D.Kaplay (DST. SR/S4/ES-082/2003 dated 5-2-2004)
2003	DST PAC in Earth Sciences Govt. of India	Reviewed the Research Project Proposal submitted by Dr. J.F.Lawrence (DST. ES/11/359/98 dated 29-4-2002)
2003	DST- PAC in Earth Systems Sciences Govt. of India	Reviewed the Research Project Proposal submitted by Dr. D.N.Gupta (DST. ES/11/722/03 dated 9-5-2003)
2003	DST- PAC in Earth Systems Sciences Govt. of India	Reviewed the Research Project proposal Submitted by Dr. Himanshu Kulkarni (DST. ES/11/626/2002 dated 27th June 2003)
2003	DST- PAC in Earth Systems Sciences Govt. of India	Reviewed the Research Proposal submitted by Dr. B. Rajeshwara reddy (DST/SR/S4/ES.52/2003 dated 6th Aug. 2003)
2003	DST- PAC in Earth Systems Sciences Govt. of India	Reviewed the Research Project proposal Submitted by Dr. Amit Bhusan Dutt (DST-HR/VR/26/2003 dated 2.9.2003)
2001	DST- PAC in Earth Systems Sciences Govt. of India	Reviewed the Research Project proposal Submitted by Dr. S.Anbazhagan, IIT, Mumbai, (DST-ES/11/580/2001 dated 30th Jan 2002)

2000	DST- PAC in Earth Systems Sciences Govt. of India	Reviewed the Research Project Progress Shown by Dr. P.N.Ballukraya (ESS/23/013/94 dated 20-Sept. 2000)
1999	DST- PAC in Earth Systems Sciences Govt. of India	Reviewed the Research Project proposal Submitted by Dr. T.B.M. Rao, Hissar (DST ES/11/420/99 dated 12-7-1999)

#### 43. M.Phil / Ph.D DISSERTATIONS ADJUDICATED

Year	University	Subject	Number of theses evaluated
2005	Bangalore	Geology	1
2006	Pune	Journalism	1
2003	Bangalore	Env. Science	2
2001	Anna University	Remote sensing	1
2002	M.S University	Geology	1
1999-2007	MYSORE	GEOLOGY	7
From 2005 to 2009	Pune, Bangalore	Mass communication	3
		Earth sciences	
2009-2010	Madurai Kamaraj Univ.	GIS	1

#### 44. INNOVATIVE PROGRAMMES DEVELOPED

Year	University	Programme Proposed	Approving Organisation
2005	Mysore	E-content Development for UG teaching	CEC-UGC, New Delhi

#### 45. FACULTY / STUDENT RELATED PROGRAMMES ORGANISED

Year	Programme	Sponsor	Number of Participants
2001	Brain-storming Workshop for students	University of Mysore	500 PG students
1998	Brain-storming Workshop for students	University of Mysore	500 PG students
1999	Brain-storming Workshop for students	University of Mysore	600 STUDENTS

2005	Man-power Development for E-content Development	UGC-CEC, New Delhi	20
2006	Developing E-learning Resources	ASC-EMMRC	20 teachers
2007	Understanding Research methods	University of Mysore	60 research scholars

#### 46. PARTICIPATORY ROLE IN ORGANISING VOCATIONAL COURSES IN COLLEGES/UNITS

Year	Course	Institution	Position
2001-2003	PG Diploma in GIS PG Diploma in Bioinformatics PG diploma in E-Commerce PG Diploma in Software Development PG Diploma in Clinical Informatics Diploma in Multimedia production	Centre for Information Science and Technology (CIST) an ISO 9001-2000 Institution in the University of Mysore	Professor and Director  Evolved curriculum  Implemented the programmes for 3 years.
2006	Vocational Courses – Add on Courses in Colleges of Mysore University	Sponsored by UGC	Evolved curriculum, inspected to upgrade the infrastructure

#### 47. SELF-FINANCED WORKSHOPS / SHORT-TERM COURSES ORGANISED

Year	Programme	Department	No. of Participants	Budget(Rs)
1998	Self-financing Short-term Course-Modelling Groundwater systems	Dept. of Studies in Geology, University of Mysore ( 7 to 29- 4-1998)	20	1,00,000/=
2006	Short term course	EMMRC + ASC	22	66000/=

	in e-content development			
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#### 48. DOORDARSHAN VIDEO PROGRAMMES - DELIVERED AS SUBJECT EXPERT

Sl.no	Title of the Programme	Subject	Producer	Date of Production	Subject Expert including script writing
1.	Drainage Patterns	Science – Geology	Syed Kaleem	24.4.04	Prof. A.Balasubramanian
1.	Lecture series on Aerial Photography	Geology	Ganta Ravikumar	5.05.04	Prof.A.Balasubramanian
2.	Land Slides	Geology	Syed Kaleem	10.6.04	Prof.A.Balasubramanian
3.	The Water Bearing Beds	Geology	Siddeswara.J.K	30.6.04	Prof.A.Balasubramanian
4.	Lecture Series on Geology Reading Topographic Maps	Geology	Ganta Ravikumar	29.06.04	Prof.A.Balasubramanian
5.	GIS USE “ A Student Project	Geography	Ganta Ravikumar	31.8.04	Prof. A.Balasubramanian
6.	Eco-Hydrology	Hydrology	B.Sreekantachar	17.8.2004	Prof. A.Balasubramanian
7.	Documentary of ITPF: Sail with Saviour	Information Technology	Ganta Ravikumar	30.11.04	Prof.A.Balasubramanian
8.	Oceans	Physical Geology	Syed Kaleem	26.2.05	Prof.A.Balasubramanian
9.	Aeolian Land Forms	Physical Geology	Syed Kaleem	26.2.05	Prof.A.Balasubramanian
10.	Weathering	Physical Geology	Syed Kaleem	5.03.05	Prof.A.Balasubramanian
11.	Structure of Igneous Rocks	Physical Geology	Syed Kaleem	18.3.05	Prof.B.Mahaballeswar
12.	Lecture Series on Physical Geology – Glaciers	Geology	Syed Kaleem	4.5.05	Prof.A.Balasubramanian
13.	Lecture Series on Environmental Science:Corals	Environmental Science	Syed Kaleem	18.7.05	Prof.A.Balasubramanian
14.	Lecture Series on Environmental Science: Air Pollution	Environmental Science	Syed Kaleem	18.7.05	Prof.A.Balasubramanian
15.	Lecture Series on Environmental Science: Coastal Erosion	Environmental Science	Syed Kaleem	18.7.05	Prof.A.Balasubramanian

16.	Lecture Series on Environmental Science- Marine Pollution	Environmental Science	Syed Kaleem	6.8.05	Prof.A.Balasubramanian
17.	Lecture Series on Environmental Science – River Eco System	Environmental Science	B.Sreekantachar	30.8.05	Prof.A.Balasubramanian
18.	Lecture Series on Environmental Science –Fresh Water Eco System	Environmental Science	B.Sreekantachar	31.8.05	Prof.A.Balasubramanian
19.	Lecture Series on Environmental Science – Ecology of Terrestrial Habitat	Environmental Science	B.Sreekantachar	31.8.05	Prof.A.Balasubramanian
20.	Lecture Series on Environmental Science – Natural Hazards – Floods	Environmental Science	Syed Kaleem	31.8.05	Prof.A.Balasubramanian
21.	Lecture Series on Environmental Science – Sea Water Intrusion	Environmental Science	Syed Kaleem	31.8.05	Prof.A.Balasubramanian
22.	Lecture Series on Environmental Science – Natural Hazards – Cyclones	Environmental Science	Syed Kaleem	29.09.05	Prof.A.Balasubramanian
23.	Lecture Series on Environmental Science – Energy Resources	Environmental Science	Ganta Ravikumar	13.09.05	Prof.A.Balasubramanian
24.	Lecture Series on Physical Geology – Glaciers <b>(Revised)</b>	Geology	Syed Kaleem	4.5.05	Prof.A.Balasubramanian
25.	Lecture Series on Physical Geology – Aeolian Landforms <b>(Revised)</b>	Physical Geology	Syed Kaleem	26.2.05	Prof.A.Balasubramanian
26.	Lecture Series on Geology – Oceans <b>(Revised)</b>	Physical Geology	Syed Kaleem	26.2.05	Prof.A.Balasubramanian
27.	Lecture Series on Hydrogeology – The Water Bearing Beds <b>(Revised)</b>	Geology	J.K.Siddeswara	30.06.04	Prof.A.Balasubramanian
28.	Introduction to Ecology	Environmental Science	Ganta Ravikumar		Prof.A.Balasubramanian
29.	Lecture Series on Environmental Science – Estuaries As Marine Ecosystems	Environmental Science	B.Sreekantachar	28.11.05	Prof.A.Balasubramanian

30.	Lecture Series on Environmental Science- On shore Eco Systems	Environmental Science	B.Sreekantachar	30.11.05	Prof.A.Balasubramanian
31.	Landslides <b>(Revised)</b>	Geology	Syed Kaleem	10.6.04	Prof.A.Balasubramanian
32.	Lecture Series on Environmental Science: Coastal Erosion <b>(Revised)</b>	Environmental Science	Syed Kaleem	18.7.05	Prof.A.Balasubramanian
33.	Lecture Series on Environmental Science – Marine Pollution <b>(Revised)</b>	Environmental Science	Syed Kaleem	6.8.05	Prof. A.Balasubramanian
34.	Lecture Series on Environmental Science – Floods <b>(Revised)</b>	Environmental Science	Syed Kaleem	31.8.05	Prof.A.Balasubramanian
35.	Lecture Series on Environmental Science – Air Pollution <b>(Revised)</b>	Environmental Science	Syed Kaleem	18.7.05	Prof.A.Balasubramanian
36.	Natural Resources	Envi.Science	Ganta Ravikumar	29.12.05	Prof.A.Balasubramanian
37.	ITPF India – Share and Care	Information Technology	Ganta Ravikumar	31.1.2006	Prof. A.Balasubramanian
38.	ITPF India – Share and Care <b>(Revised)</b>	Information Technology	Ganta Ravikumar	31.1.2006	Prof. A.Balasubramanian
39.	Environmental Science – Noise Pollution	Envi. Science	Syed Kaleem	28.3.2006	Prof. A. Balasubramanian
40.	Role Models – A Film on Baba N Kalyani		Ganta Ravikumar	9.2.07	Prof. A. Balasubramanian
41.	Role Models – R.C. Desai		Ganta Ravikumar	9.2.07	Prof. A. Balasubramanian
42.	Ecology on Deserts	Envi. Science	B. Sreekantachar	26.2.07	Prof. A. Balasubramanian
43.	Ceramics for High – Tech Application	Envi. Science	B. Sreekantachar	26.2.07	Prof. A. Balasubramanian
44.	Water Quality parameters	Envi. Science	Siddeswar	2007	Prof.A.Balasubramanian
45.	Biogeochemical cycles	Envi. Science	Siddeswar	2007	Prof.A.Balasubramanian
46.	Wastelands in India	Envi. Science	Siddeswar	2007	Prof.A.Balasubramanian



47.	Topics in General studies	GK	Siddeswar	2007	Prof.A.Balasubramanian
48.	Figurines	GK	Siddeswar	2007	Prof.A.Balasubramanian
49.	Drinking water Contaminants	Envi. Science	B. Sreekantachar	2007	Prof. A. Balasubramanian
50.	Solid waste management	Envi. Science	B. Sreekantachar	2007	Prof. A. Balasubramanian
51.	Disaster management	Envi. Science	B. Sreekantachar	2007	Prof. A. Balasubramanian
52.	Bio-geo Challenges	Envi. Science	B. Sreekantachar		Prof. A. Balasubramanian
53.	Multimedia in Teaching and Learning	Electronic Media	B. Sreekantachar		Prof. A. Balasubramanian

#### **49. E-LEARNING PACKAGE- CONTENT DEVELOPED AS SUBJECT EXPERT**

Title of the Programme	Subject Expert	Subject	Producer
Coastal Erosion	Prof. A. Balasubramanian	Environmental Science	Syed Kaleem
Atmosphere	Prof. A. Balasubramanian	Environmental Science	Syed Kaleem
Marine Pollution	Prof. A. Balasubramanian	Environmental Science	Syed Kaleem
Floods	Prof. A. Balasubramanian	Environmental Science	Syed Kaleem
Sea Water Intrusion	Prof. A. Balasubramanian	Environmental Science	Syed Kaleem
Corals	Prof. A. Balasubramanian	Environmental Science	Syed Kaleem
Air Pollution	Prof. A. Balasubramanian	Environmental Science	Syed Kaleem
Natural Hazards- Cyclones	Prof. A. Balasubramanian	Environmental Science	Syed Kaleem
Fresh Water Eco System	Prof. A. Balasubramanian	Environmental Science	Sreekantachar
River as Eco System	Prof. A. Balasubramanian	Environmental Science	Sreekantachar
Ecology of Terrestrial Habitat	Prof. A. Balasubramanian	Environmental Science	Sreekantachar
Energy Resources	Prof. A. Balasubramanian	Environmental Science	Ganta Ravikumar
Natural Resources	Prof. A. Balasubramanian	Environmental Science	Ganta Ravikumar
Introduction to Ecology	Prof. A. Balasubramanian	Environmental Science	Ganta Ravikumar

Estuaries	Prof. A. Balasubramanian	Environmental Science	B. Sreekantachar
On-shore Ecosystems	Prof. A. Balasubramanian	Envi. Science	B. Sreekantachar
Noise Pollution	Prof. A. Balasubramanian	Envi. Science	Syed Kaleem

## 50. SHORT LEARNING OBJECTS DEVELOPED

Sl. No.	Subject	Subject Expert	CD No.	Producer
1.	Geology	Prof. A. Balasubramanian	EMYS /LOR 1(10 Nos)	Syed Kaleem
2.	Geology	Prof. A. Balasubramanian	EMYS /LOR 2(10 Nos)	Syed Kaleem
3.	Geology	Prof. A. Balasubramanian	EMYS /LOR 3(10 Nos)	Syed Kaleem
4	Geology	Prof. A. Balasubramanian	EMYS/LOR 16(10 Nos)	Syed Kaleem
5	Geology	Prof. A. Balasubramanian	EMYS/LOR 17(10 Nos)	Syed Kaleem
6	Geology	Prof. A. Balasubramanian	EMYS/LOR 18(10 Nos)	Syed Kaleem

## 51. DOORDARSHAN VIDEO PRODUCTIONS SUPERVISED (2004 TO 2006 & YET TO BE COMPLETED sets )

Sl. No.	Title of the Programme	Subject
1	Drainage Patterns	Geology
2	Translocation of Spotted Deer Episode –I In The Labyrinth	Zoology
3	Translocation of Spotted Deer Episode –II In Search of Solution	Zoology
4	Translocation of Spotted Deer Episode –III Slumber Beckons	Zoology
5	Translocation of Spotted Deer Episode –IV Journey to Isolations	Zoology
6	Translocation of Spotted Deer Episode –V Probation to Freedom	Zoology
7	Translocation of Spotted Deer Episode –VI In The Womb of Nature again	Zoology
8	The Atomic Pilgrim – Dr.Raja Ramanna Part –I & II	
9	Lecture Series on Economics Environment Policy	Economics
10	Lecture Series on Aerial Photography	Geology
11	Lecture Series on Phytopathology “The Science of Plant Diseases	Botany
12	Lecture Series on Soil	Env. Science
13	Lecture Series on Psychology –Introduction to Psychology	Psychology
14	Lecture Series on Fundamental Freedoms under the Constitution of India	Law
15	Land Slides- Physical Geology/Environmental Science	Geology
16	OBL- A New Technique HRD	Management
17	Globalization – A Report	Social Sciences

18	Lecture Series in English – Wordsworth – Verb Agreement	English
19	Lecture Series on Management	Management
20	Lecture Series on Computer Sciences-Algorithms & Flowcharts	Computer Science
21	The Water Bearing Beds- Lecture Series on Geology	Geology
22	Reading Topographic Maps- Lecture Series on Geology	Geology
23	Lecture Series in Agricultural Microbiology	Biofertilizers
24	Youth Hostel: A Home Away from Home	Social Science
25	From Crop to Cup – Coffee Marketing	Economics
26	Jayalakshmi Vilas – A legacy of Royalty	
27	Lecturer series on Computer Science – An Introduction to Data Structure	Computer Science
28	Lecture series on Computer Science – Stacks & Its applications	Computer Science
29	Words Worth- II	English
30	Gram ++ An Indegenous Gis Software from India	Information Technology
31	Opp with C++	Computer Science
32	LAW – The concept of Equality under the constitution of India (Article 14 to 18)	Law

33	LAW: Lecture Series – Consitutional protection in respect of conviction for offences	Law
34	GIS USE - A student Project	Geography
35	The Atomic Pilgrim : Dr. Raja Ramanna	
36	An Introduction to Data Structure	Computer Science
37	Gulbarga University	Profile
38	Lecture series on Journalism & Mass Communication – Growth & Development of Television in India – Part –I	Journalism
39	Lecture series on Journalism & Mass Communication – Growth & Development of Television in India – Part –II	Journalism
40	Eco Hydrology	Hydrology
41	Trends in Exports from Software technology parks in Inda	Economics
42	Documentary of ITPF – Sail with Saviour	Information Technology
43	Positive Psychology – An Introduction	Psychology
44	Environment Kuznet Curve – Theory & Practice	
45	Lecturer series on Economics – Cost benefit analysis of environmment projects	Economics
46	Sweet Giant	Botany
47	Lecturer series on Economics – Impact of Economics Reforms on Indian Economy	Economics
48	Women Beedi Workers of Dakshina Kannada – In the Shadow of Smoke	Women Empowerment
49	Rani – The city Bulbul	Science
50	Zero Farming	
51	Lecture series on Chemistry – Isomerism	Chemistry
52	Lecture series on Education: Value Education	Value Education
53	Earthquake & Tsunami's Part - I	Science
54	Earthquake & Tsunami's Part – II	Science

55	Oceans	Science
56	Aeolian Land forms	Science
57	Color of Minerals	Science
58	Browsing the History of Earth	Science
59	Twinning	Science
60	Forms of Minerals	Science
61	Weathering	Science
62	Phylum Arthropoda	Science
63	Phylum Echinodermata	Science
64	Metamorphic Facies	Science
65	Classification of Igneous rocks	Science
66	Textures of Igneous rocks	Science
67	Structure of Igneous rocks	Science
68	Lecture Series on Management Enterprise Resource Planning	Management
69.	Metamorphic Facies	Science
70.	Classification of Igneous rocks	Geology
71.	Textures of Igneous rocks	Geology
72.	Structure of Igneous rocks	Geology
73.	Cat on the Edge	Zoology
74.	Television and obesity	General Health
75.	E-Governance-EXCEL SOFT	
76.	Tradition of Excellence-Revised	Education
77.	Arivu-Aids Awareness-for SRC, Govt of Karnataka, Mysore	
78.	A film on EMMRC	
79.	Lecture Series on Management – Enterprise Resource Planning	Economics
80	Lecture Series on Physical Geology	Geology
81.	Doyen of English Teaching – Prof.C.D.N	Literature

## 52. GENERAL DOCUMENTARIES:

Sl. No.	Title of the Programme	Subject
1	Film on University of Mysore Traditional Excellence	General
2.	E-Governance (Excel soft)	Do
3.	Film on EMMRC	Do
4.	Film on CNL	Do
5.	Jubilant Organisms – Vision of Hope (English)	Do
6.	Jubilant Organisms – Vision of Hope (Kannada)	Do
7	Film on Pondicherry University	
8	Film on Snake Shyam- National geographic through student	En.Sci
9	Film on Administrative training institute	
10.	Film on Dr.A.P.J.Abdul Kalam's Lecture at IISC, Bangalore	
11	Film on NCC bands	
12.	Film on University Convocations	

### 53. OTHER SKILLS ACQUIRED

Handling Computers	yes	Documents (Preparation of)	yes
Conducting surveys	yes	Production of video episodes	yes
Preparation of questionnaires	yes	Scripts writing	yes
conducting quiz	yes	Photography & Videography	yes
Direction of cultural programmes	yes	Counseling	yes
Drawing charts	yes	Art of public speaking	yes
Preparing exhibits	yes	Conducting tours	
Expo		Reviewing progress of events	yes
AIR talks	yes	Statistical data analysis	yes
Tabulation of marks	yes	Maintenance museums	yes
Proof correction	yes		

### 54. LIST OF PUBLICATIONS

1. Geoelectrical and Hydrogeochemical Evaluation of coastal Aquifers of Tambraparni River basin. (Tamil Nadu). A.Balasubramanian, J.C.V.Sastri, and K.K.Sharma. Geophys. Res. Bull.23(4), (1985) pp.203-209.
2. Performance of Rectangular open wells in Tambraparni River basin (Tamil Nadu). J.C.V.Sastri and A.Balasubramanian.1985. Proc. Groundwater Develpt. Man, Coimbatore,pp. 50-60.
3. Studies on the Quality of Groundwater of Tambraparni River basin (Tamil Nadu). A.Balasubramanian and J.C.V.Sastri, 1985. Proc.Groundwater Develpt. Man, Coimbatore,pp 124-128.
4. Wenner Resistivity Data Interpretation A comparative study.1986. K.K.Sharma, J.C.V.Sastri and A.Balasubramanian,Bull.Pure and App.Sci,F.4(1-2), pp17-19.
5. Studies on the quality of Groundwater of Tambraparni River Basin, Tamil Nadu India, A.Balasubramanian and J.C.V.Sastri(1987), Journal Association Exploration Geophysics, Vol. VIII(1), pp. 41-51
6. Hydrogeochemical studies of Vaigai River basin R.Chellasamy and A.Balasubramanian,(1988) Proc.AHI Seminar Vol, Waltair, A.P.
7. Hydrogeophysical studies for characterizing the Crystalline aquifers of the Tambraparni River Basin, Tamil nadu, India; (1989) A.Balasubramanian, K.K.Sharma and J.C.V.Sastri, Oxford IBH Vol.I Int.GW Workshop, NGRI, Hyderabad, pp. 263-268.
8. Techniques of Aquifer parameter evaluation using pocket computers;(1989) A.Balasubramanian, and J.C.V.Sastri, Oxford IBH Vol.I Int.GW workshop NGRI, Hyderabad, pp. 461-470.
9. Modelling the effects of proposed pumping from the Tambraparni River Basin, Tamil Nadu, India; (1989) A. Balasubramanian and J.C.V.Sastri, Oxford IBH Vol.on Int. GW Workshop NGRI pp. 629-649.

10. Digital Modelling of the Hydrogeochemical facies of Groundwater in Tamil Nadu, India;(1989) A.Balasubramanian, R.Thirugnana Sambandam, R.Chellasamy and J.C.V.Sastri Oxford IBH Vol. I Int.GW workshop NGRI, Hyderabad pp. 761-768.
11. Corrosion and scale formation characteristics of Groundwater in and around Nangavalli, Salem District, Tamil Nadu (1990) R.Rengarajan and A.Balasubramanian. JI of Applied Hydrology, vol.3(2), pp 15-22.
12. Hydrogeochemical studies of Tiruchirapalli aquifers Through Principal Component Analysis(1991), S.Sathyamoorthy, N.Dhakshinamoorthy and A.Balasubramanian.Proc. vol.Wat. Sem.on Hydrology-AHI, Junagadh, Gujarat.
13. Performance of Dugwells in the crystalline Aquifers of Vaigai River Basin, Tamil Nadu. R.Chellasamy and A.Balasubramanian.(1991), Proc. Vol. National Sem. on Water, Govt. of Kerala, Trivandrum.
14. HYCH-Basic computer program for Hydrogeochemical studies, A.Balasubramanian, S.Subramanian, and J.C.V. Sastri (1991).Proc. Vol. National Sem. on Water, Govt. of Kerala,Trivandrum.
15. APE - Computer program for pumping test Data Analysis,A.Balasubramanian, S.N.Mariappan, K.Sujatha and J.C.V. Sastri(1991), Proc. Vol. Sem. on Water, Govt. of Kerala, Trivandrum.
16. Hydrogeochemical studies in the coastal aquifers of Tuticorin, Tamil Nadu. A.Balasubramanian, R.ThirugnanaSambandam, R.Chellasamy and V.Radhakrishnan(1991),Proc. Vol.Sem.on Water,Govt. of Kerala, Trivandrum, pp. 309-316
17. Demarcation of Salt-fresh water interface in the coastal Aquifers of Tuticorin, Tamil Nadu. R.Thirugnana Sambandam, V.Radhakrishnan, S.Subramanian and A.Balasubramanian(1991), Presented National Sem. on Geophysics, NGRI, Hyderabad.
18. Water Quality studies in the coastal Aquifers of Tuticorin, Tamil Nadu. R.ThirugnanaSambandam,R.Chellasamy,S.N.Mariappan and A.Balasubramanian (1991), Proc. Vol. Wat.Sem. on Hydrology- AHI, Junagadh, Gujarat.
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21. Groundwater Resources of Tambraparni River Basin, Tamil Nadu. A.Balasubramanian and J.C.V.Sastri.(1991), Published in: "Inland Water Resources:India", Ed. M.K.Durga Prasad & S.Pitchaiah, Nagarjuna University,pp. 385-395
22. Hydrogeological studies in the Vaigai River Basin, Tamil Nadu. R.Chellasamy and A.Balasubramanian(1991),Published in:"Inland Water Resources: India", Ed. M.K.Durga Prasad & S.Pitchaiah, Nagarjuna, University, pp. 402-409

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24. Numerical Modeling for the estimation of recharge in Tiruchirapalli aquifers, Tamil Nadu. S.Sathyamoorthy, N.Dhakshinamoorthy and A.Balasubramanian(1991), Published in: "Inland Water Resources:India", Ed, M.K.Durga Prasad & S. Pitchaiah, Nagarjuna University.
25. Groundwater targetting through Morphometric analysis in Mamundiyar River Basin, Tamil Nadu. P.R.Srinivasan, N.Dhakshinamoorthy and A.Balasubramanian(1991), Published : "Inland Water Resources: India", Ed. M.K.Durga Prasad & S.Pitchaiah, Nagarjuna University.
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## **55. KEY NOTE ADDRESS DELIVERED( to quote a few):**

- Key Note Address: on “ GIS in Groundwater Development”- 18-11-2000, National Conference on Geoinformatics 2000, Org. by P.S.G.College of Technology, Coimbatore, TN
- Key Note Address on “Integrated Hydrogeological investigations”, A.Balasubramanian, Indian Geological Congress, IGC 1999, University of Mysore, Mysore
- Key Note Address: Modelling groundwater systems : an Overview, UNESCO sponsored workshop on “Modelling in Hydrogeology”, Anna University, Chennai, Dec. 2001
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- Key note: Fuzzy logic and Math Simulation, A. Balsubramanian, National workshop on geoinformatics-2003, V.O.C.College, Tuticorin, March 2003
- Key note : Environmental Protection in Islands, A. Balasubramanian, World Health Day, Thulusdhoo Island, Republic of Maldives, Maldives Water and Sanitation Authority (MWSA), April 2001

- Key Note: ETV and E-content Production, National Workshop conducted by EMMRC Anna University, Chennai, 29<sup>th</sup>& 30<sup>th</sup> January, 2010.

## **OTHER KEY NOTE ADDRESSES:**

1. 2003 Union Network International, & Belgium Govt., At Mumbai, Participant, Participatory Identification Workshop- (Information technology Professionals development Related) ( 10<sup>th</sup> to 14<sup>th</sup> July 2003)
2. 2003- Dept. of Civil Engg., PES College, Mandya Key note Address; Rainwater harvesting, (20<sup>th</sup> Sept. 2003)
3. 2003-Dept. of Mech, Engg, SJCE, Mysore-Invited Lecture- Workshop on Mathematical Modelling (8-8-2003)
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6. 2002-International Labour Organisation, Regional Off. New Delhi Delegate
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9. 2001 - Anna University ,Key note ; Modelling in Hydrogeology- UNESCO International workshop ( Dec.)
10. 1998-SJCE-STEP, Mysore-Invited lecture on Modelling of Earth systems and Processes- Training for Engineers of Environmental Sanitation project-(21-7-1998)
11. Inaugural address: National Seminar of Natural Resources for Sustainable Development, Dept. of Studies in Geography, University of Mysore
12. CSRTI, Mysore; Inaugural Address- Intensive workshop on Bioinformatics (3-2-2003)

## **56. NATIONAL AWARDS FOR VIDEO PRODUCTIONS**

1. UGC –CEC National Award 2009 given in 2010 – Two awards and 1 citation
2. Centre for Environment – Citation and award for one film on environment.

**57. CONVOCATION ADDRESSES DELIVERED = 5 IN COLLEGES OF  
PONDICHERRY UNIVERSITY**

**58. INAUGURAL ADDRESSES DELIVERED DURING SEMINARS AND  
CONFERENCES = 25 AT PONDICHERRY UNIVERSITY**

**59. VALEDICTORY ADDRESSES DELIVERED DURING SEMINARS and Conferences  
= 12 at Pondicherry University**

**60. ARRANGED FOR UNIVERSITY CONVOCATIONS AND SUBSEQUENT  
CULTURAL EVENTS = 3 CONVOCATIONS AT PONDICHERRY UNIVERSITY**