

Department of Radio diagnosis

I. Contact Information of the Department

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| Department E-mail ID | radiology@sdumc.ac.in |
| Ext. No. HOD | 333 |
| Ext. No. Office | 333 |
| Ext. No. CT/MRI | 287, 208 |
| Person in-charge of website | Dr. Jagadish B. (docjags@yahoo.co.in) |
| Head of the Department | Dr. Purnima Hegde (drpurnimahegde@gmail.com) |

II. INTRODUCTION

A brief introduction about the Department which should include

Department of Radio-diagnosis caters to the need of the R.L.Jalappa hospital round the clock. The department offers Post-graduate degree and diploma courses which are recognized by MCI. Department also offers BSc course in imaging Technology under SDUAHER, Department is well equipped with all the modalities including CT, MRI and Mammography, Department offers services in various medical camps to cater to the needs of rural population.

All the faculty and residents are actively involved in academic activities and attend State/National conferences and CME programmes. Faculty and residents are involved in research publications in various national and international journals. The department exploring the possibilities of starting PhD programmes.

The department is well-equipped with museum containing worked up and interesting cases of various systems, demonstration room containing exhibits. Seminar room is equipped with audiovisual units. Departmental library consists of text books and reference books. Internet facility available in the department.

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| Various divisions / sections under the dept. |
| CT, MRI, Ultrasound, X-ray & Mammography |
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| When and What PG course / PhD / Fellowship were started in the dept. |
| MD Radiodiagnosis - 3 years |
| Diploma in Radiodiagnosis - 2 years |
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| Various services offered by the dept. |
| The Department provides various radiological diagnostic and interventional services with imaging in CT, MRI, USG, mammography and radiography. |
| CT- and ultrasound-guided interventions. |
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| Instruments / Devices and Expertise worth mentioning |
| State-of-the-art fully loaded 1.5T Siemens MRI scanner with MRI compatible anesthesia instruments. We also boast of 16-slice Siemens Somatom CT scanner. Apart from these, there are 7 radiography machines, 3 fluoroscopy machines and 4 ultrasonography scanners and one mammograph unit, which are linked through PACS. |

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| Any notable achievements of the dept. |
| We conducted state level IRIA meet in 2010 and also conduct CMEs every year on interesting and upcoming topics in radiology. |
| Any other information of the Dept. which is worth mentioning |
| The Department performs round-the-clock MRI, CT and ultrasound scans and is also equipped with state-of-the-art 1.5 T MRI scanner, which is first MRI machine in whole of Kolar district and is one of the best in Karnataka. The Department is also actively involved in various research projects that are aimed at enhancing our radiological footprint and also help to improve patient outcomes in this territory. We also perform CT- and USG-guided interventions such as hepatobiliary interventions and other procedures. |

III. Vision & Mission Statement & Objectives of the Dept.

Vision of the Department

To be one of the premier academic radiology programs in India.

Mission of the Department

1. To provide excellent diagnostic expertise and radiology education through advances in medical imaging and interpretation, through excellence in teaching and mentoring.
2. To educate skilled professionals in the basic and clinical medical imaging sciences.
3. To provide innovative solutions for improving the health of the general public.

Objectives of the Department

1. To always have our patients well-being of primary concern.
2. To provide training to undergraduate students in basics of all imaging modalities.
3. To provide excellent facilities, high quality guidance to post-graduate students to achieve highest medical care and to publish scientific papers in indexed journals.
4. To ensure that faculty is highly qualified/dedicated and motivate by providing faculty development programmes for their Academic skills and personality.
5. To start Tele Radiology services and initiate interventional Radiology j
6. To continually seek to improve ourselves and our profession.

IV. Updated List of HoD's

| Sn | Name | From | To |
|----|----------------------------|------------|------------|
| 1 | Dr. Suryanarayana Rao | 02-06-1992 | 18-05-1997 |
| 2 | Dr. Purnima Hegde | 19-5-1997 | 09-08-2006 |
| 3 | Dr. Kishore .V. Hegdekatte | 10-08-2006 | 31-08-2007 |
| 4 | Dr. Umesh Krishnamurthy | 01-09-2007 | 30-06-2011 |
| 5 | Dr. Purnima Hegde | 01-07-2011 | 02-09-2011 |

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| 6 | Dr. B.N. Kishore Kumar | 02-09-2011 | 31-12-2013 |
| 7 | Dr. Purnima Hegde | 01-01-2014 | Till date |

V. Updated Faculty List as on the day of Submission

(Prof / Assoc Prof / Asst Prof / Lect / Sr. Resident / Tutor / PG cum Tutor / Jr. Res)

| | <u>RADIO-DIAGNOSIS</u> | | | | |
|----|---------------------------------------|-------------------|-----------------|------------|------------|
| 1 | Dr.Purnima Hegde | MBBS, MD | Professor & HOD | 14-07-1954 | 08-08-2007 |
| 2 | Dr.Anil Kumar Sakalecha.M | MBBS, MD | Professor | 24-12-1970 | 15-11-2007 |
| 3 | Dr.Navin Kumar.M | MBBS, MD | Assoc.Professor | 24-10-1964 | 06-12-2007 |
| 4 | Dr.Kuku Mariam Suresh | MBBS, MD | Asst.Professor | 06-05-1986 | 01-07-2014 |
| 5 | Dr.Naveen.G.Naik | MBBS, DNB | Asst.Professor | 08-06-1981 | 20-09-2012 |
| 6 | Dr.Jagadish Basavaiah | MBBS, MD | Sr.Resident | 02-08-1976 | 10-10-2011 |
| 7 | Dr.K.K.Vinay | MBBS, MD | Sr.Resident | 17-05-1982 | 03-06-2014 |
| 8 | Dr.Rajeswari | MBBS, MD | Sr.Resident | 29-05-1953 | 11-03-2013 |
| 9 | Dr.Kalavathi.N | MBBS,DMRD | Sr.Resident | 05-10-1975 | 02-07-2005 |
| 10 | Dr.L.M.Chandrashekar | MBBS,DMRD | Sr.Resident | 26-06-1970 | 05-09-2008 |
| 11 | Dr.Srikanth | MBBS,DMRD, DNB | Sr.Resident | 24-03-1974 | 15-06-2008 |
| 12 | Dr.Anil Kumar.T.R | MBBS | Sr.Resident | 25-09-1973 | 28-05-2014 |
| 13 | Dr. Ranga Prasad Meda | MBBS | Jr.Resident | 11-03-1987 | 02-05-2012 |
| 14 | Dr.Aaditya Kumar Singh | MBBS | Jr.Resident | 24-03-1982 | 07-05-2012 |
| 15 | Dr. Kompalli J Satya Siva Raghav Teja | MBBS | Jr.Resident | 20-06-1985 | 30-05-2012 |
| 16 | Dr.Raj kumar.R | MBBS | Jr.Resident | 27-07-1989 | 30-04-2012 |
| 17 | Dr.Ambuj | MBBS | Jr.Resident | 28-08-1989 | 24-05-2013 |
| 18 | Dr.Eswara Sai Prasad | MBBS | Jr.Resident | 10-08-1989 | 26-07-2013 |
| 19 | Dr.Shiva Teja Komma | MBBS | Jr.Resident | 10-07-1990 | 30-05-2013 |

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|----|-----------------------------------|------|-------------|------------|------------|
| 20 | Dr.Anusha Reddy | MBBS | Jr.Resident | 05-10-1988 | 30-05-2013 |
| 21 | Dr.Girish.D | MBBS | Jr.Resident | 17-05-1987 | 27-05-2013 |
| 22 | Dr.Keerthi Vasireddy | MBBS | Jr.Resident | 24-01-1988 | 31-05-2013 |
| 23 | Dr.Shivaprasad Gangadhar Savagave | MBBS | Jr.Resident | 10-01-1983 | 14-03-2014 |
| 24 | Dr.Varuna.S | MBBS | Jr.Resident | 15-10-1987 | 02-05-2014 |
| 25 | Dr.Bharatha Reddy Male | MBBS | Jr.Resident | 14-08-1989 | 19-05-2014 |
| 26 | Dr.Sujatha | MBBS | Jr.Resident | 10-07-1988 | 28-05-2014 |
| 27 | Dr.Arvind Reddy.T | MBBS | Jr.Resident | 19-09-1984 | 28-04-2014 |
| 28 | Dr.Vaishnavi Pooran.A | MBBS | Jr.Resident | 18-10-1990 | 02-05-2014 |

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VI. PROFILE OF FACULTY (Professors, Assoc. Prof, Asst. Prof)

| Sn | Faculty | Contact Information (Tel. No. / E-mail) | Experience -No. of yrs of Teaching Experience | Areas of Interest in Teaching & Research | Any Important Achievements (Awards, Hon's,) | Additional Charge held |
|----|-----------------------|--|--|--|--|------------------------------|
| 1 | Dr. Purnima Hegde | 9448459629 purnimahegde@gmail.com | 43 years 3 months (Jr. Resident & Teaching faculty | Women's Imaging, Sectional Imaging, Physics in Radiology and Imaging. | | |
| 2 | Dr. Anilkumar S | 9844092448 dranilsakalecha@gmail.com | 13 years 11 months (Jr. Resident & Teaching faculty | Ultrasonography, Obstetric Doppler Abdominal CT scan | | |
| 3 | Dr. Navin Kumar M | 9845006674 Navinkumar249@gmail.com | 16 years 3 months (Jr. Resident & Teaching faculty | | | |
| 4 | Dr. Naveen G. Naik | 9480428747 dr_naveengn@yahoo.co.in | 4 years 11 months (Jr. Resident & Teaching faculty | MSK imaging and Neuroradiology | | |
| 5 | Dr. Jagadish B | 7760098899 docjags@yahoo.co.in | 6 years 1 month (Jr. Resident & Teaching faculty | Hepatobiliary imaging and intervention, MRI MSK | | |
| 6 | Dr. Kuku Mariyam | 8105812748 kukumariyam@gmail.com | 3years (Jr. Resident & Teaching faculty) | Women's Imaging and Intervention | | -- |
| 7 | Dr. Vinay K K | 9632809917 Vinaykk17@yahoo.com | 6years 4months (Jr. Resident & Teaching faculty) | Ultrasound, OBG, Doppler, CT & MRI. Guided interventions | | |

VII. Research Publications of Faculty in the last five years 2010-14

| Sn | Research paper title | Authors Names | Journal Details (In Vancouver Style Only) |
|----------------------------------|---|--|---|
| Published article in 2011 | | | |
| 1 | A rare Primary Malignant Hydatid cyst of Spleen | Bhaskaran A1 , Kalyani R2 Umesh K3 Jyotindra Singh1 Praveen V1 | Journal of Clinical and Biomedical Science (Case report) 2011; 1(1): 20-24 (Indian journal) |

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| | | Anantha Raju G S1 | |
| 2 | Pre-operative Embolisation of Juvenile Nasopharyngeal Angiofibroma | Umesh K1 Raghu R Patil1 Thomas Prasanna Raj MS2 Suresh T N3 | Journal of Clinical and Biomedical Science (Case report) 2011; 1(1): 30-32 (Indian journal) |
| Published article in 2012-13 | | | |
| 3 | Urinary bladder herniation rare preoperative incidental finding radiological features | B N Kishore Kumar Anil Kumar Sakalecha Deepak Das Ponnam Bharath Kumar | International Journal of Biological & Medical Research 2012; 3(1): 1459-1460 (International Journal) |
| 4 | Torsive gangrenous fallopian tube with torsion of left para ovarian cyst: | Shashidhar B Narayanswamy Prem Sai Reddy | Int J Biol Med (A rare case report) Res.2012;3(2):1833-1834 |
| 5 | Twin reversed arterial perfusion (TRAP) Sequence: (Acardius amorphous) a case report and review of literature | Shashidhar B1 B N Kishore Kumar2 R Sheela1 R Kalyani3 A Anithae2 Prem Sai Reddy2 | International Journal of Biological & Medical Research 2012; 3(1): 1453-1455 (International Journal) |
| Published article in 2013-14 | | | |
| 6 | A rare presentation of post caesarean vesicouterine fistula | Dr. Jayadeva P, Dr. Rangaprasad Meda Dr.B.N. Kishore Kumar,Dr. Anilkumar S, Dr. Naveen G. Naik | Int J Biol med Res. 2013;4(4):3704-3706 |
| 7 | A rare case of proliferating trichilemmal cysts and lipoma of the scalp. | Dr. Sindhoori Dr. B.N. Kishore Kumar Dr. Prem Sai Reddy, Dr. Sreeramulu P.N & Dr. Udaya Kumar | Int J Biol med Res.2013;4(4):3703-3709. |
| 8 | A Case Report: Phenytoin Induced Cerebellar Ataxia and Orofacial Dyskinesia in a Case of Disseminated Cysticercosis | P.N.Venkatarathnamma 1*, M.N.Chandra Shekara2, S.V.Srinivasa3, Jagadish basavaih4 | International Journal of Clinical Pharmacology & Toxicology (IJCPT) |
| 9 | A Case Report: A Comparative Study OF Ultrasound and CT findings in Focal liver lesions | P. Bharath kumar, Purnima Hegde, B.N. Kishore kumar, M.L. Harendra Kumar, | Int Biol Med Res.2014-; 5(3): 4362-4369 |

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| | | Manjunath Y.C | |
| Accepted article with letter of acceptance from journal and hard copy | | | |
| 10 | Cherubism- A rare disease commonly under diagnosed or over treated with surgery | Nagaraj S Deepak Das Haritha P Mallika Reddy | Under process |
| 11 | Congenital first brachymetatarsia- A rare congenital anomaly detected in a male | Jagadish B Prenm sai reddy B N Kishore kumar Haritha P | Under process |
| 12 | A case of dicephalus conjoined male twin | C.Krishnaveni B.N. Kishore kumar. B.H. Shiny Vinila. M.B. Sanikop | Under process |

VII. Completed Research Projects by Faculty in the last five years 2010-14

| Sl. No. | Investigators Names (Principal Investigator name first) | Title of the Research Project | If published, name of the title of the Research article & details of Journal published |
|---------|--|---|--|
| 1 | <u>Principal Investigator:</u> Dr. Umesh K Co-Investigator- Dr. S.R. Prasad Dr. Komal Chamaria | An evaluation by MRI, computed Tomography and serology in diagnosis of Neurocysticercosis (Completed) | |

VIII. Ongoing Research Projects by the Faculty

| Sn | Investigators Names (Principal Investigators Name First) | Project Title | Funded / Non-funded If funded, by which Agency |
|----|---|--|---|
| 1 | Principal investigator: Dr. Purnima Hegde Co-Investigator – Dr. Jagadish Basavaiah Dr. Anilkumar S Dr. Madan Mariyappa Dr. Harendra Kumar M.L | Multislice CT in preoperative staging of gastric malignancies (approved and ongoing) | Funded by SDUAHER |

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| 2 | Principal investigator- Dr. Anil N.S Co-Investigator - Dr. B.G. Ranganath Dr. Muninarayana .C Dr. Kishore Kumar B.N Dr. Arun H.S | Multislice CT in preoperative staging of gastric malignancies (approved and ongoing) | |
| 3 | Principal investigator- Dr. Anil N.S Co-Investigator - Dr. B.G. Ranganath Dr. Muninarayana .C Dr. Kishore Kumar B.N Dr. Arun H.S | An epidemiological study of Fluorosis in Kolar and impact assessment of interventions (On going) | |

IX. Ongoing PG (MD / MS) Dissertation Projects in the Department

| Sn | Dissertation title | Post Graduate Name | Guide Name & Designation |
|----------------------|--|----------------------|--------------------------|
| 2013-14 batch | | | |
| 1 | Multidetector Computed tomography evaluation of blunt abdominal trauma | Dr. Rangaprasad | Dr. Anilkumar S |
| 2 | A comparison between low-dose and standard-dose non-contrast multidetector computed tomographic imaging in inflammatory disease of paranasal sinuses | Dr. Rajkumar | Dr. Anilkumar S |
| 3 | Diagnostic accuracy of computed tomography of colon "Virtual colonoscopy" in colorectal pathologies. | Dr. Aaditya | Dr. Purnima Hegde |
| 4 | CT evaluation of intra-abdominal fat its relation to cardiac vascular risk. | Dr. Raghuteja | Dr. Purnima Hegde |
| 2013-14 batch | | | |
| 1 | MDCT evaluation of deep neck spaces in locally advanced oral cancers | Dr. Sivateja Komma | Dr. Anilkumar S |
| 2 | Role of MRI with MR venogram, diffusion and susceptibility weighted imaging in diagnosis of cerebral venous thrombosis | Dr. Ambuj | Dr. Anilkumar S |
| 3 | Role of MRI in evaluation of extent and etiological factors in compressive myelopathy | Dr. Anusha | Dr. Purnima Hegde |
| 4 | CT evaluation of morphological features | Dr. Eswar Sai Prasad | Dr. Purnima Hegde |

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| | of spontaneous intra cerebral haemorrhages | | |
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X. Ongoing PhD Thesis in the Department

| Sn | Thesis title | Research Scholar Name | Guide Name & Designation |
|----|--|-----------------------|--------------------------|
| 1 | Optimization of radiation dose to improve image quality on investigation of organ-dose in CT scanning system | C. Sivarajan | Dr. Purnima Hegde |

XI. CME / Workshop / Conferences Conducted by the Dept. in the year 2012 – 2014

| Sn | Title of CME / Workshop / Conference | Date & Year Conducted | Whether National / State / Regional / Institutional level meet |
|----|--------------------------------------|-------------------------------|--|
| 1 | CME on “Imaging in Endocrinology” | 17 th July 2013. | Institutional level |
| 2 | CME on “Interventional Radiology” | 26 th August 2014. | Institutional level |