ITWS III Projects, 2005

Title	Advisor	Mentor	No. of Students	Description	Students (Rollno, *email*@students.iiit.ac.in)
I IIT Events Management	Dr.Bagga	Mr.Vijay	2	Events at IIIT include talks / seminars, conferences, visitors, etc. Each of these has a date and time on which the event will be held. Prior to the event occurance, it should be listed in a separate list. After the occurance it should be archived in a separate list. Events can be marked as being under several categories (major, seminar, conference, etc.) The IIIT web-page should be automatically updated to include major events.	**G. KARTHIK** (200301026, *kartheek_g*) **B CHINNI KRISHNA** (200401015, *chinni*)
Outreach Mailing Lists Management	Dr.Bagga	Mr.Vijay	2	This is related to project 1. When an event is about to take place, reminder emails need to be sent to several people (both within and outside IIIT). Several mailing lists need to be created and associated with specific event types. Reminders for each event needs to be configurable (1 day before/ 1 week before, etc.). Emails should be automatically sent as per the reminders.	**MUPPA DIVYA** (200401043, *divyam*) **R SOWMYA** (200401061, *rsowmya*)
GUI for Seismic Evaluation	Dr.Pradeep Ramancharla	-	2	GUI will help in inputting data of a given structrue and some modules are required to developed for assessing the strength of the structure.	**ANIL KUMAR NELAKANTI** (200401006, *anil_n*) **KOVELA SUDHEER**

				Basic logic for developing these modules will be given by me however, the output of the project is to give the result whether the structure is seismically safe based on the seismic evaluation or it requires strengthening. preliminary evaluation involves: (1) taking dimensions of the structure as input (2) calculation of possible load carrying capacity (3) structure's configuration related checks (4) Strength related checks. Detailed evaluation involves: (1) distribution of lateral load on the structure (2) centricity calculation for additional torsional moment (3) Shear distribution to frames (4) Beam forces (5) Column forces. Finally evaluation summary is to be prepared **Note:** All the necessary technical inputs will be given.	**KUMAR** (200402023, *sudheerk*)
Research Paper Repository	Dr.Pradeep Ramanchar la	-	2	Physical printed research papers are stored in shelves. The software of this project should store the titles, keywords, etc. of each paper in a database and allow them to be searched for easily. Each paper should be given a unique number. The physical papers stored in the shelves will be arranged according to this number. This makes it easy for papers that are searched for to be easily located in the actual	**CH KOMAL PATEL** (200401019, *komalpatel*) **SRIVATSAVA DARURU** (200401081, *srivatsavad*)

				shelves.	
GUI for a Numerical Modelling Program	Dr.Pradeep Ramanchar la	-	2	Applied Element Method (AEM) is a numerical tool which can be used for performing nonlinear analysis of any structural engineering problem. There are 3 input files for running this program. Proposed project will be a GUI which takes input from user and prepares these input files and executes the *.exe file of the program.	**ADITYA NAGA HEMANTH KUMAR V** (200401003, *vaditya*) **VIDHYADHARI G** (200402045, *vidhyadhari*)
Room Allocation System	Mr.Appaji	-	2	Software is needed to keep track of which rooms are being used for classes, talks, seminars, etc. and on which dates / times they are used. This is required to allocate available rooms as requested for new talks, meetings, etc.	**KOYYA ADARSH** (200401036, *koyya*) **BODLA RAKESH BABU** (200402007, *rakeshbabu*)
Interactive 'Structure - Interaction' Data Visualization	Dr.Abhijit Mitra	yes	2	RNA molecules consist of a connected chain of nucleotide bases of four different types. Each nucleotide is associated with structure, sequential connectivity and interaction data. An existing JAVA based stand alone tool, developed in house, takes atomic coordinates of different RNA molecule as inputs, computes structural features and dynamically displays the results as an interactive plot of dots. The idea is to convert this stand alone tool into a web based tool with enhanced interactivity (for example dynamic visualization of identity,	**KRITIKA TANDON** (200401037, *kritika*) **SWATI JAIN** (200401085, *swatijain*)

				connectivity and interaction data made available to the tool in a formatted manner) **Deliverables:** (1) Object oriented design of the tool (2) Implementation of enhancements (3) Development of web based version	
Web-based Beowulf Cluster Load Monitor	Dr.Abhijit Mitra	yes	2	Beowulf Clusters are scalable performance clusters based on commodity hardware, on a private system network, with open source software (Linux) infrastructure. The designer can improve performance proportionally with added machines. The commodity hardware can be any of a number of mass-market, stand-alone compute nodes as simple as two networked computers each running Linux and sharing a file system or as complex as 1024 nodes with a high-speed, low-latency network. At BIRC, IIIT we currently have a small cluster of six nodes which would grow in due time. The tool should: (1) Help in getting the process information, load level, disk usage, etc from the specified nodes in the cluster. (2) Use minimum amount of system resources on all nodes. (3) The information from the nodes should be obtained using RSH, SSH or HHTP services.	**ANUSHRI KHANDEKAR** (200402003, *anukhandekar*) **K M SWATI SHARMA** (200402019, *swatisharma*)

				Deliverables: (1)Design of the tool including the services. (2)Development of the web based version.	
Implementation of GUI for m achine Learning	Satvik Upadhyaya, Dr.Sushama Bendre, Dr.Rajeev Sangal	-	2	A tool is being developed to analyse the output of a machine learning algorithm so that the accuracy of learning can be improved. This project involves adding functionality to the tool to compare data sets across experiments. The project does *not* required background in machine learning. What is required is developing the GUI for a web based tool. Skills needed : Perl, CGI Continuation of earlier project : Yes	**RAMAVTAR CHOUDHARY** (200401064, *ramavtar*) **SUNDEEP SANCHETI** (200401083, *sundeep*)
Developing network support for Dashboard	Aseem Gupta, Dr.Rajeev Sangal	-	3	The Dashboard is a tool which controls the operations and relationships of various modules/functions in a large system. It can also be used to validate/test the system under different conditions. Some of the modules might reside in different machines over a network. A support is needed for the dashboard which would send the the input to a module over the network and retrieve its output. The interaction between the dashboard and various modules could follow a server-client architecture. Skills Needed : Perl, C	**BHARAT JOSHI** (200401016, *bharatj*) **SHISHIR GOYAL** (200401079, *shishir_goyal*) **CHHAYA METHANI** (200402010, *chhaya*)
Developing	Anil Kumar	-	2	Dictionary Standard	none

APIs for DSF in Java	Singh			Format (DSF) is a format used for storing text databases and retrieving data pertaining to a field rapidly. This project involves implementing the above (by means of APIs or a set of routines) in Java. Skills Needed : Java, Object Oriented Programming	
Building a Corpus Manager	Anil Kumar Singh	-	3	Corpora or collection of plain or marked up texts are useful for many purposes. Corpus Manager is a tool that extracts information from a corpus and presents it to the user. It may also enable the user to do some statistical or linguistic analysis of a language, based on the text in the corpus. The aim of the project is to build a user-friendly corpus manager that can be easily extended later on, even by different developers. Skills Needed : Object Oriented Programming	**NALLAMOTHU KARTHIK** (200401045, *karthikn*) **RAVINDER REDDY PANDIRI** (200401068, *pandiri*) **R J SRINIVAS GOKAVARAPU** (200402033, *srinivasg*)
Word-alignment Viewer	Sriram Venkatapathy	-	2	Given a set of sentence-pairs (English sentence and its correct translation in Hindi), the word-alignment algorithm map the words in English sentence with words in Hindi sentence automatically. Apart from word-alignment, the word-aligner also gives other statistics about the quality of alignment (Probabilities etc.). The goal of this project is to develop a GUI to view the output (including the statistics) of the word-alignment algorithm. The GUI	**NAGESWARA RAO MANNEM** (200401044, *nageshwar*) **PAKALAPATI VENKATA BHASKARA VARMA** (200401050, *bhaskara*)

				should also display the global statistics and enable operations like search. Deliverables : Word-alignment viewer Skills Needed : QT/GTK, Perl	
Developing APIs for SSF in Python	Samar Husain, Sriram Venkatapathy	-	2	Shakti Standard Format (SSF) is a format used for storing text databases together with the analysis of each text in terms of feature value pairs. It allows arbitrary number of features to be created and stored for any part of the text. This project involves implementing the SSF by means of APIs or a set of procedures in Python. Skills Needed : Python, Object Oriented Programming	**BHARATH KUMAR S** (200401017, *bharathkumar*) **MEKA MANOJ** (200401041, *meka*)
Building GUI to provide data for FLAN	Dr.Radhika Mamidi and Prashanth Reddy	-	2	To develop a GUI for providing data for building text analysers using FLAN shell which is based on Finite State Transducers [FSTs]. The goal of this project is to develop a web-interface and also enhance an existing QT/GTK based interface to provide data used by FLAN. Linguists use the QT/GTK based interface to draw FSTs for providing data. Deliverables : The interfaces Skills Needed : QT/GTK, Perl	**KARTHIK KUMAR G** (200402018, *karthikg*) **V SREEKANTH** (200402044, *v_sreekanth*)
Building a GUI for the morph package	Dr.Soma Paul and Nikhil B.	-	3	A GUI needs to be developed for a morph package that analyzes text data. Through the GUI, the developers should be able to run the moprh as well as aid in its development. The	**GOPAL AGARWAL** (200401028, *agarwal_gopal*) **HARITHA BELLAM** (200402016, *haritha*)

				development entails 1) Allowing users to give data or rules. 2) Compiling the data. 3) Machine learning of rules. The GUI would allow a user to control each of the above visually. Deliverables : Interface and it's source code Skills Needed : PHP/MySQL, Basic knowledge of C and Shell commands	**SUMIT MAHESHWARI** (200402041, *sumitm*)
Developing GUI for Dashboard	Aseem Gupta	-	2	The Dashboard is a tool which controls the operations and relationships of various modules/functions in a large system. It can also be used to validate/test the system under different conditions. This project involves creating a GUI which will be used to configure and run the Dashboard. Skills Needed : QT/GTK , Perl	**ABHISHEK PIYUSH** (200301003, *abhi_piyush*) **INDRAJEET KUMAR** (200301040, *indrajeet*)
Semantic Role Labeling Evaluation Tool-kit	Prashanth Reddy, Sriram Venkatapathy	-	2	A semantic role labeling algorithm is being developed at LTRC. This algorithm recognizes roles in sentences (semantic roles are used to represent the meaning of a sentence). The task is to compare the output of the algorithm with the expected output and show the comparision in an appropriate format. The toolkit should also provide a searching capability over the output of the algorithm and the expected output. Deliverables: Source code of the tool kit. Skills Needed : QT/GTK , Perl/Python	**MONISHA VICTOR** (200401042, *monisha*) **M POORNIMA** (200402025, *mpoornima*)

Building a stemmer for an Information Retrieval system	Dr.Soma Paul and Dr.Sanjukta Ghosh	-	1	Removing suffixes from words by automatic means is an operation which is especially useful in the field of information retrieval (IR). For example, the suffixes -ed, -ing, -ion, -ions can be removed from the words connect, connected, connecting, connection, connections etc. to leave the single stem connect. This project aims to build a stemmer for Bengali using Porter Stemmer algorithm. The online algorithm of Porter Stemmer and it's documentation is available. The data for developing the Bengali stemmer using Porter algorithm would be provided. Knowledge of Bengali is not a prerequisite. References : 1. Porter Stemmer Deliverables : Results of the implemented algorithm. Skills Needed : Basic Knowledge of Perl	none
GUI for Data Available in DSF Format	Anil Kumar Singh	-	2	Dictionary Standard Format (DSF) is a format used for storing text databases and retrieving data from them. This project involves building a GUI in Java for viewing and editing data stored in DSF format (using an API or set of routines). Skills Needed : Java, Object Oriented Programming	**K PRAMODH YELLAPU** (200401035, *pramodh*) **AVDHESH SINGH SOLANKI** (200402004, *avdhesh*)
GUI for the Sentence Alignment Tool	Anil Kumar Singh	-	2	Given two documents which are translations of one another, the sentence alignment tool finds out which sentence	**VUNDAVALLI SRINIVASA RAO** (200401093, *srinivasarao*) **SARVABHOTLA**

				in one language is the translation of which sentence in another language. There is a tool available which does this mapping. In this project, a GUI has to be built which will be for operating this tool as well as editing its output the tool's output. Skills Needed : Java, Object Oriented Programming	**KIRAN** (200402038, *kiransarv*)
GUI for Language-Encoding Identification and Font Conversion	Anil Kumar Singh	-	1	Before a document can be understood by a computer, its language (Hindi, Spanish, German) and encoding (ASCII, UTF-8, ISO-8859-1) have to be identified. Then, they may have to be converted to a standard encoding (or 'font'). There are tools for doing this task automatically. In this project, a GUI will be built to operate these tools. Skills Needed : Java, Object Oriented Programming	none
Enhancing the Number Translator and Building a GUI for it	Anil Kumar Singh	-	2	Number translator identifies the number expressions (for example, 'five million seven hundren five') in a sentence, marks them, finds the numerical value denoted by them and also translates them into another language. This project involves enhancing the existing version so that it can handle some cases specific to particular languages (by adding some constraints or conditions), and also building a GUI for this tool. Skills Needed : Java, Object Oriented Programming	**P.KRISHNAKANTH** (200301069, *krishnakanth*) **DEVEN KALRA** (200401022, *deven*)

API for XML based Annotation	Anil Kumar Singh	-	2	There are XML based markup languages for annotating text (which means marking up the information contained in a natural language sentence in a machine readable standard format for machine learning or linguistic analysis). In this project, an API will be built that will allow other programs to read and operate on text annotated according to an XML based markup language. Skills Needed : Java, Object Oriented Programming	none
GUI for XML Based Annotation	Anil Kumar Singh	-	2	There are XML based markup languages for annotating text (which means marking up the information contained in a natural language sentence in a machine readable standard format for machine learning or linguistic analysis). In this project, a GUI (based on an API) will be built that will allow users to view and annotate text according to an XML based markup language. Skills Needed : Java, Object Oriented Programming	none
Main GUI for Sanchay (A Collection of APIs and Tools)	Anil Kumar Singh	-	1	Sanchay is a collection of APIs and tools. This project involves building a GUI which can be used to operate the tools in Sanchay (which have, or will have, their own GUI). Skills Needed : Java, Object Oriented Programming	none
Implementing	Anil Kumar	-	2	Similarity and distance	**BOPPANA**

Some Similarity and Distance Measures	Singh			measures are used to find similarity or dissimilarity between two sets of data.Many such (mathematical) measures are available. They can be used for a variety of tasks in language processing. The task in this project is to implement some such measures in as functions/modules. Skills Needed : Java, Object Oriented Programming	**VARUN** (200401018, *varunb*) **NITHIN KUMAR M** (200401049, *nithin_m*)
Are you an Innovative Application Developer?	Dr.Kishore Prahallad, skishore@cs.cmu.edu	-	2	Speech based interfaces provide natural and sometimes preferred means of communuciation between a human-being and a computer. Text to speech (TTS) systems allow computer to respond back to the user in speech mode. Computers can use a TTS system to speak out the contents on the desktop, emails, doc/pdf files. Another class of applications involving TTS systems are interactive voice response (IVR) systems such as Air/Rail Travel information systems, Agriculture information systems etc which provide information over telephone. Note that there are many applications that are available in the market such as doc-reader, email-reader etc. But we rarely make use of these applications either due to lack of good interfaces or the application being not so interesting. The project is to come up with an	**PATIBALLA PRAFULLA KIRAN** (200401053, *prafulla*) **SADHU HARITH SIDDHARTHA** (200401071, *harith*)

				innovative application of using a TTS system and implement it. It is conceived, designed and implemeted by you entirely as an innovative application developer. My role would be to support you in providing the text to speech system interface in the way you want. TTS systems are availble in US English, Indian English and also for Indian languages such as Hindi and Telugu. US English is available with Win XP OS, and the remaining TTS systems are based on Festival and are available with LTRC. The project mentor would provide technical support regarding the TTS. Programming Language / OS: Your choice	
External Project Application System	Dr.Jawahar	-	2	This is a system to receive applications from students outside IIIT for doing projects at IIIT.	**RAVI KISHORE KANDALA** (200401066, *ravikishore*) **VAIBHAV KUMAR BAJPAI** (200401087, *vaibhav*)
Scientific Image Library	Dr.Anoop	-	2	This is a system to store and retrieve images. A set of attributes may be stored with each image to describe it. The values of these attributes and the filenames of the images are to be stored in a database. The images are to be retrieved as per the user's queries and displayed on a browser.	**NISHANT SHOBHIT** (200401047, *nishant_shobhit*) **RAHUL SINGH CHAUHAN** (200401062, *rahulchauhan*)

Portal for Predicting / Monitoring Electrical Power Consumption	Dr.N.D.R.Sharma	-	2	The statistics for power consumption for different areas are available to the system. Based on this, the system can predict (using simple formulas) the power consumption of any region and compare it with the actual consumption. The resulting system can be used in various ways such as better distribution of power and detecting power theft.	**JOY BHAKAT** (200401034, *joybhakat*) **V RAVI KIRAN** (200402043, *ravikiranv*)
IIIT Online Exam System	Dr.Srinathan	-	2	The software should contain a question bank of multiple-choice and other objective-type questions for each subject. Faculty should be able to add / maintain the question bank with ease. Each question can be marked with difficulty-levels or prerequisites so that the exam can be automatically tailored depending on student's performance. The system should be able to conduct an exam, mark the answers and provide the final marks of students. Beyond multiple-choice questions, the system should be extensible to include new kinds of questions such as programming questions that can be automatically verified by the system.	**ADITYA G N** (200401002, *gnaditya*) **SANDEEP KUMAR** (200401074, *sandeep_kr*)
IIIT Projects Portal	Dr.Vikram	-	3	Faculty should be able to submit projects and mark them as (ITWS3)/ (Summer)/(Semester)/ (FYP), etc. Projects can be marked as hidden /	**HANUMA KUMAR ANUMANULA** (200402014, *hanuma*) **KOSURU PAVAN**

				visible. When it is time to announce projects, the corresponding portal of projects should be created automatically and emails sent to concerned people. At any point of time, one should be able to see the list of projects completed / ongoing and pending of any particular faculty member. Students should be able to apply for the projects online.	(200402022, *pavank*) **SURYA GANESH VEERAVALLI** (200402042, *suryag*)
Tasks Management Portal	Dr.Vikram	-	2	Users submit tasks that they need to complete. Each task can have a deadline, start-time, expected-duration, actual-duration, importance and urgency attributes and other description / notes related to that task. Tasks can consist of sub-tasks which can themselves consist of sub-tasks recursively. Each task can be associated with one or more user-defined categories. Categories can have sub-categories, recursively.	**DILEEP REDDY VAKA** (200402011, *dileep*) **YELLA SREE HARSHA** (200402047, *sreeharshay*)
Tasks Management Tool	Dr.Vikram	-	2	Same as project 35, but instead of a web-based portal application, this should be a stand-alone tool running on the desktop.	**PHANI RAJA SEKHAR KADIYALA** (200401055, *phaniraja*) **SUDARSHAN BADI REDDI** (200401082, *sudarshan_b*)
Alarm Software	Dr.Vikram	-	2	This system can store many tasks and corresponding alarms. Alarms can be of several types: (1) A pop-up (2) A	**RAVI TEJA MULLAPUDI** (200401067, *ravi_teja*) **RAHUL SARIKA**

				sound (3) A visual cue (4) An email, etc. It should perform the alarm duty at the required times efficiently. It should be able to wake up the computer from sleep-mode when required. It should be usable by project 38. Should work in windows / linux /...	(200402034, *rahul_sarika*)
Calendar Tool	Dr.Vikram	-	2	A stand-alone tool to display a outlook-type calendar that can be colour-coded based on how busy a day is. A particular day / time should be easily selectable. It should use project 36 to fill up the calendar with tasks and use project 37 to set alarms for those tasks.	**RAM CHARAN A** (200401063, *ramcharan*) **SATYA KRISHNA PINDIPROLI** (200402039, *satyakrishna*)
Calendar Applet	Dr.Vikram	-	2	Same as project 38, but intended for the web and to be used by project 35.	**MADHUHAAS KOSURU** (200401038, *madhuhaas*) **P RAVALI** (200402030, *ravali*)
Personnel Performance Analysis	Dr.Vikram	-	2	Uses the system developed in project 35 to determine how effectively a particular person works! Tasks belonging to a particular category are analyzed to obtain their average duration. Next, any task that is labelled as belonging to that category, but which takes significantly more or less time is brought to notice. Tasks of each category completed by a given individual are analyzed and compared with similar tasks	**VANGIMALLA SIVA KUMAR** (200401088, *vsivakumar*) **VIJAY VENKANNA CHETTY COLLOORU** (200401091, *vijaycvc*)

				performed by other users. These results can be used to evaluate the performance of a user.	
Automatically setting up Windows Language and Keyboard locales for Indic	Dr.Gautam Sengupta [gsghyd AT gmail DOT com]	Dr.Bipin	2	Windows XP provides considerable support for Indic scripts, but requires some manual tweaking and setting-up by end users to make it work. This setup procedure is difficult for most would-be Indic users. It would be very convenient to have a GUI that takes input from the end-user, gathers information from the system and automates most or all of the process of setting up Indic language and keyboard locales.	**G B RAGHAVENDRA REDDY** (200401026, *rraghavendra*) **SANDEEP CHUNDRU** (200402037, *sandeepc*)
GUI for running Indic Aspell	Dr.Gautam Sengupta [gsghyd AT gmail DOT com]	Dr.Bipin	2	Aspell is now available for several Indic languages, with varying degrees of coverage. However running these Indic spell-checkers is difficult because by default they send output to the console which is unable to render Indic scripts. A rather obvious solution is to build a GUI around Aspell with rudimentary editing facility that uses a rendering engine that is suitable for Indic such as Pango. Alternatively, one could consider writing a patch to interface Aspell with an existing editor with adequate Indic rendering, e.g. GEDIT.	**GEETIKA KATRAGADDA** (200401027, *geetika*) **LAHABAR SHEETAL MADHUKAR** (200402024, *sheetal*)
Multi-user Network Games	Dr.Kamal	-	2/3 per game	There are many games that can be played by different users - like Snakes & Ladders, Ludo,	**T. VIJAY** (200301111, *vijay_t*) **AVINASH**

				Dots, Tic-tack-toe, etc. We need a portal of these games and a bunch of students can play.	**THUMMALA** (200401014, *avinash_t*) **REVANTH REDDY N R** (200401069, *revanth_nr*) **SAMPATH KUMAR VANGAVETI** (200401073, *sampathv*) **SAURABH AGRAWAL** (200401077, *saurabhag*) **SHASHANK JAGARLAMUDI** (200401078, *shashank_j*) **HEMANTH KORRAPATI** (200402017, *hemanthk*) **SAI KRISHNA PANDYALA V** (200402036, *saikrishna*) **RANJAI BANERJI** (200401065, *ranjai*) **SHWETABH GARG** (200401080, *shwetabh*) **VENKATA RAGHU RAM RAYAPUREDDY** (200401090, *raghuram*)
Robosoccer	Dr.Kamal	-	multiple teams of 2/3 students	Build GUI and provide support for access to logs and querying the logs	**ABHEET BHARTI** (200401001, *abheet*) **ANUJ BHARGAVA** (200401011, *anuj*) **E MAHESH KUMAR REDDY** (200401025, *maheshr*) **PRATYUSH BHATT**

					(200402032, *bhatt*)
Robo-Rescue	Dr.Kamal	-	multiple teams of 2/3 students	Build a database of events and provide facilities to query them.	**ANKUR** (200401008, *ankurg*) **INDER RISHI SINGH KOCHAR** (200401031, *kochar*) **PUNYALA GEETHA MADHURI** (200401060, *geetha*) **B AVINASH** (200402006, *avinashb*) **HAREESHA TAMATAM** (200402015, *hareesha*) **PRASANT GOPAL ANUMANCHIPALLI** (200401058, *prasant_a*) **PRAVEEN KUMAR POTHANA** (200401059, *praveen_p*) **YASOVARDHAN REDDY** (200402046, *yasovardhan*)
A tool kit for XML tagging	Dr.Kamal	-	2	Given a document or data set -- need to quickly tag the document or data. Can be rule based.	**AFAAN ULLAH** (200401004, *afaan*) **PIYUSH JAIN** (200401056, *piyush_jain*)
DBMS & visualizing of cricket score cards	Dr.Kamal	-	3	Create a database with all test and ODI matches. Provide query/ visualizing capability.	**D MARUTHI MANOHAR REDDY** (200401020, *maruthimanohar_d*) **SUNIL BANDLA** (200401084, *bsunil*)

					KOMATIREDDY VENKAT RASAGNA REDDY (200402021, *rasagna*)
DBMS & visualizing of chess games	Dr.Kamal	-	3	Create a database and provide a mechanism to view chess games and replay them.	**DHRUVAN BARAR** (200401023, *dhruvan*) **SANKALP MULYE** (200401075, *sankalp*) **ADITYA TEJA VELURI** (200402002, *adityateja*)
Portal for CDE research papers	Dr.Kamal	-	3	Create a portal and provide search facility with functionality to upload and download research papers.	**RAMINENI RAKESH** (200301081, *rakeshr*) **HARSHA URLAM** (200401030, *harshau*) **P ROHIT** (200402031, *prohit*)
A database of PDB Files on Proteins	Dr.Kamal	-	3	Take PDB file -- generate a graph structure and store it in a database. Ability to query, load and display these structures.	**ARJUN A V** (200401013, *arjun_av*) **PAVAN PANDEY** (200401054, *pavanp*) **YASHLAXMI GUPTA** (200401094, *yashlaxmi*)
A database of 100000 Images	Dr.Kamal	-	3	Search web pick up 1000000 images store it in a database. Ability to load/display and search the images.	**ANKUR KHARE** (200401010, *ankur_k*) **APPIDI VINAY KUMAR REDDY** (200401012, *appidi*) **JITU KUMAR KESHRI** (200401033, *jitu*)

A database of 1000 audio music files	Dr.Kamal	-	3	Search web or other sources pick up audio music files including music and store it in a database for accessing the audio music files.	**ANAND RATHI** (200401005, *rathi*) **NAMAN TYAGI** (200401046, *naman*) **VENKATA KRISHNA SUHAS NERELLA** (200401089, *suhas*)
A database of quotations	Dr.Kamal	-	3	Search the web and accumulate quotations and store them in a database for accessing the quotations.	**B. SAI KIRAN** (200301012, *saikiran*) **DODDI HARISH** (200401024, *dharish*) **ABHIRAM MARNI** (200402001, *abhiram*)
IIIT Alumni Portal	Dr.Jayanthi Sivaswamy	-	2	A portal for alumni of IIIT.	**SASANK YARLAGADDA** (200401076, *ysasank*) **GUMMADI BAPINEEDU CHOWDARY** (200402013, *bapineedu*)
Browsable Multimedia Database	Dr.Jayanthi Sivaswamy	-	2	This is a system to store and retrieve multimedia objects such as video, audio, animation, text and image. Each object can be tagged with some attributes. The database will reside on a server and a search tool at the client end should enable a) browsing the content of the database and b) retrieving objects by keywords.	**CHETAN JAKKOJU** (200402009, *chetan*) **MANOHAR REDDY MAVILLA** (200402027, *manohar*)
Attendance Software	Dr.Jawahar	-	2	To help automate / semi-automate the attendance system at IIIT.	**NISHANT SUNEJA** (200401048, *nishantsuneja*)

					PATABALLA DINKAR (200401052, *dinkar*)
Research Students Progress Management	Dr.P.J.Narayanan	-	2	To keep track of courses taken, papers written, stage in research, etc. of research students at IIIT. Academic office maintains database using a GUI. Advisors can look at this information to guide students.	**T S PRASANNA** (200401086, *prasanna*) **JIMMY NARANG** (200401032, *jimmy*)
Tool For Visual Interpretation	Dr.P.J.Narayanan	-	3	???	**SAI RAM KUNALA** (200401072, *sairam*) **NALLAGANCHU PRADEEP RAJIV** (200402028, *pradeepr*) **NAVEEN KUMAR REDDY BOLLA** (200402029, *naveenb*)
Hostel Complaint Software	Dr.P.K.Reddy	-	2	To keep track of hostel-related complaints -- plumbing, electricity, etc.	**RISHABH MUKHERJEE** (200402035, *rishabh_m*) **HAREESH CHANDRA GOUTHAM T** (200401029, *hareesh*)
IT for Agriculture	Dr.P.K.Reddy	-	4	???	**DASARI PAVAN KUMAR** (200401021, *d_pavan*) **PALIVELA KOWSHIK** (200401051, *kowshik*) **S RAHUL** (200401070, *srahul*) **AVINESH P V S** (200402005, *avinesh*)

???	Dr.Anoop	-	2	???	**ANKUR JAISWAL** (200401009, *ankur_j*) **MANEESH UPMANYU** (200402026, *maneeshupmanyu*)
???	Dr.Anoop	-	3	???	**ANKIT MALIK** (200401007, *malik*) **MEGHNA LOWALEKAR** (200401040, *meghnal*) **GAURAV RUHELA** (200402012, *ruhela_gaurav*)
???	Dr.Jawahar	-	1	???	**PRAMOD P** (200401057, *pramodp*)