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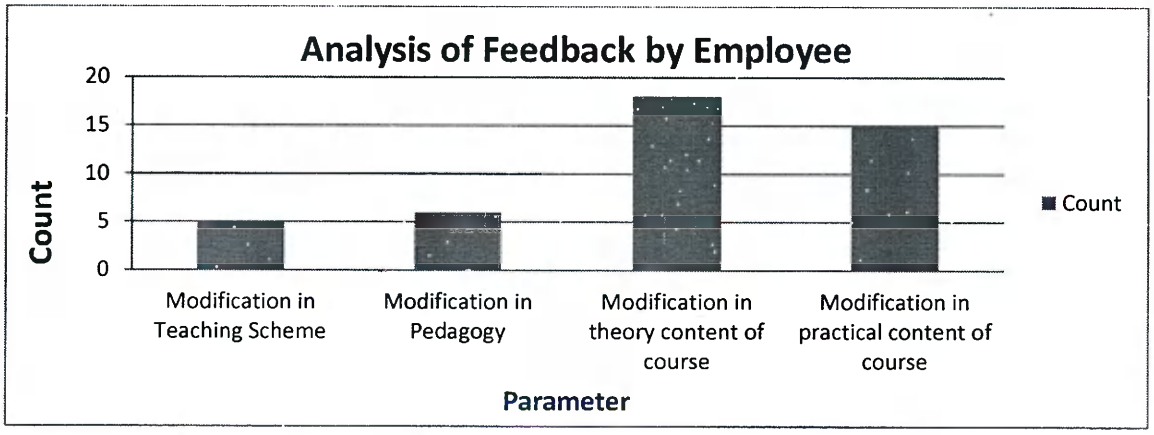
Department of Information Technology

Chandubhai S Patel Institute of Technology

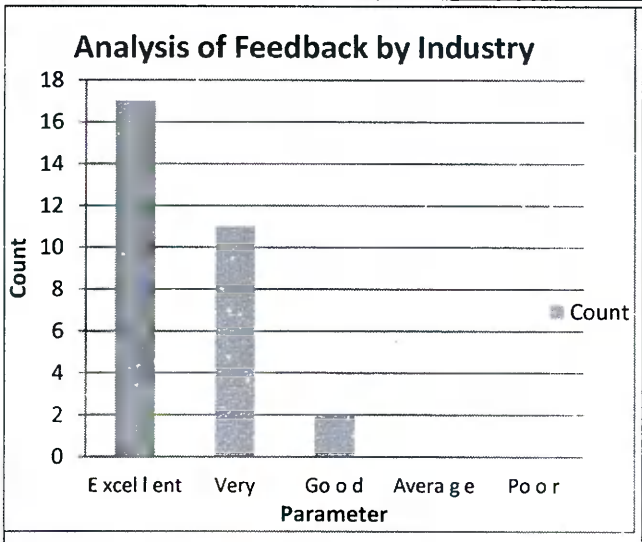
Analysis of Feedback

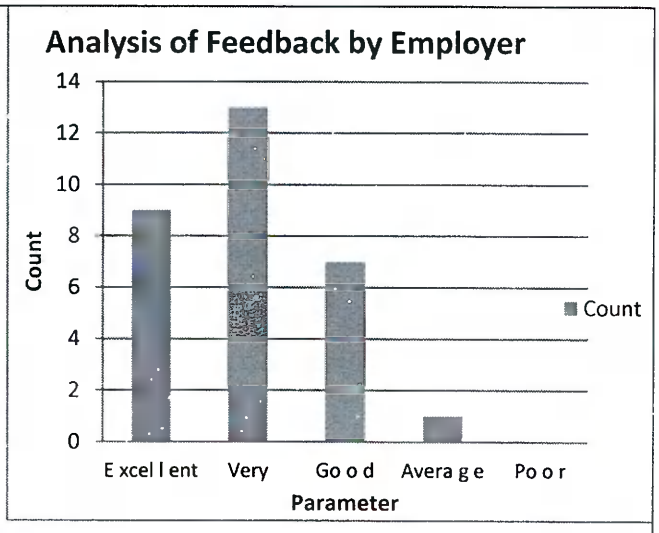
AY: 2017-18

- **Analysis of Feedback by Employee:**



- **Analysis of Feedback by Employer & Industry:**





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Analysis of Feedback

AY: 2017-18

- **Analysis of Feedback by Alumni**

Course	Suggestion
Over All	• Practical part should be more concerned.
	• Suggestion to conduct some entrepreneurship training from college. • The Machine Learning course should be syllabus.
	• More practical in Programming Language course. • DBMS Course should include more queries of SQL.
	• Student should be given a chance to learn recent development in industry as well as new skill such as orating and stage speaking should be explored
	• Group presentation on one topic in every course is suggested.

- **Analysis of Feedback by Student**
  - Teaching Scheme is good to very good as per most of the student's feedback.
  - The Examination Scheme is good as per most of the student's feedback.
  - Some of the students realize that, External Examination Time Table needs to be improved. Subjects which have higher credits should have more reading gap comparative to lower credits subjects.
  - Some free hours should be given to the students for extracurricular and sports.
  - Students insist for more industry visits during the semester.

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Summary and Action Taken Report of Feedback on Curriculum
AY: 2017-18

Category	Comments	Action Taken
Alumni	Some entrepreneurship training from college or initiative from college to let student try new things.	• Department has already started giving training/ awareness session under EDIC cell. (Annexure-1)
	Machine learning course should be there in syllabus to attract nice companies for placement.	• Department has Introduced machine Learning as a course in our curriculum. • Considered in 13th BoS 26-Aug-2017.
	Encourage Students to write a simple code in lab session where they can have web scraping implementation on real websites or use open API to have a real example.	• Department has included the practical where they use the open API.
Parent	Focus on Internship/Training more that will help our child ready for industry.	• Department has introduced student internships every summer vacation. • Considered in 13th BoS 26-Aug-2017
	Provision of Industry visit for students is very good and should continue	• Department organize industry visit on regular basis and will continue the same.
Student	Arrange the preparation for competitive exam like GATE.	• Department started a practice to solve previous GATE examples in every basic course after the completion of relevant topics/units.
	More focus and practice of practical apart from practical list	• Department have started organizing project competition and motivating students to involve in codevita and other relevant competition. (Annexure-II). • Considered in GALA Industry meet.

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Annexure-I

DST – NIMAT PROJECT
POST PROGRAMME REPORT (PPR) OF TEDP

1. Name & Address of Programme :

   Charotar University of Science & Technology (CHARUSAT)

   CHARSUAT Campus Changa, Off Nadiad – Petlad Highway, Dist. Anand

   02697-265171, Fax: 02697-265007; Email: govinddave.mba@charusat.ac.in

2. Programme : Technology based Entrepreneurship Development Programme (TEDP)

   Trade : Data Mining and Network Security

3. Programme Location : Interaction Theater – (IT) VI
   Indukaka Ipcowala Institute of Management (I^2IM), CHARUSAT

4. Programme Date : From **December 10, 2018** to **January 22, 2019**

5. Name of the Coordinator : **Dr. Govind B Dave,**
   Dean, Faculty of Management Studies, CHARUSAT
   Principal, Indukaka Ipcowala Institute of Management (I^2IM)
   CHARUSAT

6. Methods adopted to promote the programme:

   - [x] Pamphlets / Broacher
   - [ ] News paper Advertisement
   - [x] Posters/ Hand Bills
   - [x] Other (Please Specify) – Promotion had been done through Social Media

7. Date of interview : December 07, 2018

8. No. of application received : 50

9. No. of candidates attended the interview : 32

10. No. of candidate selected : 30

11. No. of candidate completed the programme successfully: Male: **19** Female: **03**

12. List of participants : ANNEXURE – I
13. Program schedule : ANNEXURE – II
14. List of resource persons : ANNEXURE – III
15. List of industries visited : ANNEXURE – IV
16. Participant's feedback : ANNEXURE – V

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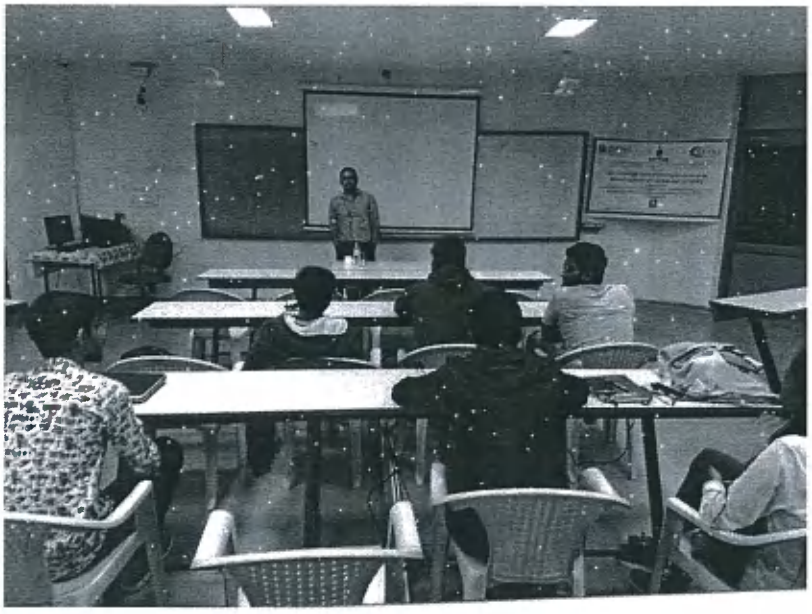
17. Photographs of Programme :

[Photograph 1: Group Photo]

[Photograph 2: Classroom Photo]



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[Photograph 3: Industry Visit Photo]

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National Science & Technology Entrepreneurship Development Board (NSTEDB)
Department of Science & Technology (DST), Government of India, New Delhi
Sponsored

TECHNOLOGY BASED ENTREPRENEURSHIP DEVELOPMENT PROGRAMME (TEDP)

Organised by Entrepreneurship Development & Incubation Cell (EDIC)
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)
December 10, 2018- January 22, 2019

Annexure-1: List of Participants

Sl. No.:	Name, Address and Contact details of Participant	Age (in Years)	Gender	Education	Category Gen / SC / ST / OBC / Minority	Project/ Product Selected	Aadhaar Number
1	**GADHIYA KISHAN KANJIBHAI** "KRISHNA",KEVALIYA WADI, PLOT NO-66/D,MEHULNAGAR, JAMNAGAR, 361006 Gujarat Phone No : 9998892423 Mobile No : 9979701792 Email : kishangadhiya99@gmail.com	21	Male	8th Semester Electrical Engineering	General	Voice Operated Home Automation	528003258086
2	**BHUVA RUSHI KANTILAL** B-9, Kartikey Nagar -4 b/h Swaminarayan Temple Iskon Temple Road, Vadodara 390007 Phone No : 9925204834 Mobile No : 9925212834 Email : rbhuva1996@gmail.com	22	Male	8th Semester Electrical Engineering	General	Voice Operated Home Automation	494598075635
3	**DAVE ARCHIT PRAMODKUMAR** 10,GOVIND NAGAR SOCIETY NEAR SAHAJ DHAM ROW HOUSE, HONEY PARK ROAD, ADAJAN, SURAT 395009 Phone No : 9898425040 Mobile No : 9725008691 Email : architdave07.ad@gmail.com	21	Male	8th Semester Electrical Engineering	General	Infra Red Security System Using Laser Beam	898282958564
4	**PATEL ABHISHEK KAMLESHBHAI** MOTI KHADKI SANTOKPURA BORSAD, 388545 Gujarat Phone No : 02696224847 Mobile No : 7359030520 Email : abhi112396@gmail.com	22	Male	Final Year B Sc in Biotechnology	General	Mushroom Production through Technology based Farming	221138670788
5	**DESAI MANAN PRADIPKUMAR** 93,KARNAVATI PARK SOCIETY OPP BARODA EXPRESS WAY,C.T.M POST AMRAIWADI, AHMEDABAD 380026 Phone No : 07925850507 Mobile No : 9099969679 Email : manandesai886@gmail.com	21	Male	8th Semester Electrical Engineering	General	IOT Based Robot (Control through Internet)	505035444176

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6	**DALSANIA VAIBHAV RASIKLAL** "ASHISH" SOMNATH SOCIETY,150,RINGROAD RIYA TELEPHONE EX., RAJKOT 360005 Phone No : 9409412056 Mobile No : 9664951651 Email : vaibhavdalsania2011@gmail.com	21	Male	8th Semester Electrical Engineering	General	IOT Based Robot (Control through Internet)	911052716556
7	**DAVE JAY TUSHARKANT** A-23 PRERANA BUNGLOWS NR.BAPA SITARAM CHOWK, NAVA NARODA,KRISHNANAGAR Ahmedabad 382345 Phone No : 7359610902 Mobile No : 8401835089 Email : jaydave@gmail.com	23	Male	8th Semester Electrical Engineering	General	IOT Based Robot (Control through Internet)	397125743687
8	**BHATT MILANKUMAR AJAYKUMAR** 104,SATYAM APP OPP,DHOLAKIYA GARDENKATARGAM. SURAT 395004 Phone No : 7359291391 Mobile No : 9825493392 Email : milan.bhatt2714@gmail.com	21	Male	8th Semester Electrical Engineering	General	IoT based Induction Heating	574703812522
9	**CHUGH VIVEK DHARMPAL** 105-106, TULSI ANGAN APPT., NEW CIVIL ROAD NEAR KAPADIA HEALTH CLUB, SURAT 395002 Mobile No : 9586893022 Email : dimmpychugh@yahoo.com	21	Male	8th Semester Electrical Engineering	General	IoT based Induction Heating	278054751666
10	**VISHW JOSHI** 1, Vaibhav Society Near IRMA Gate Behind Ganesh Dairy Anand 388001 Mobile No : 9427178739 Email : joshivishw@gmail.com	18	Male	2nd Semester Civil Engineering	General	Smart Building	448277735823
11	**SINGH SAUMYA DEVENDRA** A2-33 TIRTHAK BUNGALOWS KUBERESHWAR MARG, WAGHODIA-DABHOI ROAD, VADODARA 390019 Mobile No : 9586893022 Email : saumyasingh995@yahoo.com	23	Female	B.Tech CE (MBA First year)	General	UWP EYE	682738987246
12	**DESAI KRISHNA SANATKUMAR** VHALABHAI NI KHADKI NR. ASHAPURI TEMPLE UTTARSANDA 387370 Mobile No : 9924613354 Email : krishnadesai18@gmail.com	24	Female	B.Tech EC (MBA First year)	General	UWP EYE	320464057138
13	**PAREKH PARTH NIMESHKUMAR** A-37 JANKIDAS SMRUTI BUNGLOWS, NEAR, RAGHUVIR RESIDENCY, SANTRAM DERI ROAD, NADIAD 387002 Mobile No : 9904199396 Email : parekhp989@gmail.com	24	Male	B Pharm	General	A Software For Identification of Medication Error	398296993832

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14	KAKKAD HARSH ARUNKUMAR B-403, MOTI PALACE PIUS VANTHALI ROAD TIMBAVADI JUNAGADH 362015 Mobile No : 9904199396 Email : parekhp989@gmail.com	24	Male	B Pharm	General	A Software For Identification of Medication Error	475565892423
15	**SHETH SRUSTI SUKETUKUMAR** 510 SUMERU HEIGHTS, KISHAN SAMOSA LANE, NADIAD 387001 Mobile No : 9574270648 Email : kakkadharsh@gmail.com	24	Female	B Pharm	General	A Software For Identification of Medication Error	362312751729
16	**PATEL JAY ALPESHKUMAR** 4,PATELVAS NR.SAIBABATEMPLE AANADCHOWK, KHOKHARA, AHMEADABAD 380008 Mobile No : 9904070232 Email : kakkadharsh@gmail.com	21	Male	6th Semester Electrical Engineering	General	Clap Switch Project	373393594595
17	**JAYDEEPKUMAR PRAVINBHAI PATEL** NEAR LAKSHMINARAYAN TEMPLE VILL: RAJSITAPUR SURENDRANAGAR 363320 Mobile No : 9586508797 Email : jaydeeppatel5085@gmail.com	22	Male	6th Semester Electrical Engineering	General	Clap Switch Project	834850765172
18	**PATEL KARAN SURESHBHAI** AT POST AAT PATEL FALIYA TA-JALALPORE NAVASRI 396403 Mobile No : 9909240417 Email : karanpatelsd@gmail.com	22	Male	6th Semester Electrical Engineering	General	Clap Switch Project	891686436711
19	**AHIR DHRUVIKKUMAR KISHORBHAI** AHIRWAS GADAT GANDEVI NAVSARI 396445 Mobile No : 9737637216 Email : ahirdhruvik21@gmail.com	21	Male	6th Semester Electrical Engineering	SEBC	Fire Alarm System	548378510547
20	**CHAUDHARI NIXIPT AJITBHAI** GSECL COLONY UKAI TYPE 3-252 TA-SONGADH DIST-TAPI SONGADH 394680 Mobile No : 7874317009 Email : nixiptchaudhari@gmail.com	22	Male	6th Semester Electrical Engineering	ST	Fire Alarm System	873181525588
21	**DABHI JAGDISH CHANUBHAI** SBF-29 TCL TOWNSHIP MITHAPUR MITHAPUR 361345 Mobile No : 8734977377 Email : dabhujagdish901@gmail.com	23	Male	6th Semester Electrical Engineering	SEBC	Fire Alarm System	993094515672
22	**DESAI HARDIKBHAI HASMUKHBHAI** AT:SURYAPRATAPGADH TA:KUNKAVAV DIST:AMRELI SURYAPRATAPGADH 365450 Mobile No : 9825965103 Email : hardikdesai682@gmail.com	22	Male	6th Semester Electrical Engineering	General	Fire Alarm System	536530440121

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Annexure-2: Programme Schedule

Module	Date and Day	Session	Time	Topic	Resource Person
MODULE – 1: ENTREPRENEURSHIP & SCHEMES OF ASSISTANCE	December 10, 2018 1st Day	I	09:15 AM – 10:30 AM	Inauguration	**Dr. Govind Dave** Dean Faculty of Management Studies - CHARUSAT
		II	10:45 AM – 11:30 AM	Who is an Entrepreneur & Charms of Being an Entrepreneur:	
		III	12:30 PM- 01:45 PM	Schemes of Assistance for MSMEs: Financial Agencies / Institutions	
		IV	02:00 PM 03:15 PM		
	December 11, 2018 2nd Day	I	09:15 AM – 10:30 AM	Schemes of Assistance for MSMEs: NSIC, SIDBI, DIC and Other Support Agencies	**Mr. Ravi Shah** Asst. Manager, SBI, Nadiad
		II	10:45 AM – 11:30 AM		
		III	12:30 PM- 01:45 PM	Importance of Technology and knowledge based entrepreneurship	**Dr. Ritesh Patel** Associate Professor, U & P U Patel Department of Computer Engineering, C S Patel Institute of Technology, Faculty of Technology and Engineering – CHARUSAT
		IV	02:00 PM 03:15 PM		
MODULE –2: PROJECT SELECTION & IT'S PRE FEASIBILITY	December 12, 2018 3rd Day	I	09:15 AM – 10:30 AM	How to Identify Business Opportunities	**Dr. Chintan Pathak** Lawyer, Educator, Ethical Hacker, Cyber Security Consultant, Cyber Care Clinic - A Technolegal Consultancy, Surat
		II	10:45 AM – 11:30 AM	Opportunities identification: Criteria of selection & Sources of Information	
		III	12:30 PM- 01:45 PM	How to conduct Market Survey: Tools, Techniques and Guidelines	
		IV	02:00 PM 03:15 PM		
	December 13, 2018 4th Day	I	09:15 AM – 10:30 AM	How to find out pre-feasibility of a Project: Preparing Preliminary Project Report (PPR)	**Mr. Chandramauli Pathak,** Entrepreneurship Expert / International Trainer
		II	10:45 AM – 11:30 AM		

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		III	12:30 PM-01:45 PM	Factory Visit and Experience Sharing with Innovative Entrepreneurs	**Dr. Pranav Desai** Asst. Professor, Indukaka Ipcowala Institute of Management(I^2IM) - , FMS, CHARUSAT
		IV	02:00 PM 03:15 PM		
MODULE - 3: CONSOLIDATION OF BUSINESS IDEA	December 14, 2018 5th Day	I	09:15 AM – 10:30 AM	Soft Skill Development: Communication	**Dr. Bhaskar Pandya** Associate Professor, Dept. of Humanities and Social Sciences, Faculty of Management Studies CHARUSAT, Changa
		II	10:45 AM – 11:30 AM	Soft Skill Development: Information Seeking	
		III	12:30 PM-01:45 PM		
		IV	02:00 PM 03:15 PM	Briefing and Planning for the Market Survey: Questionnaire Preparation	**Dr. Govind Dave**
	December 15, 2018 6th Day	I	09:15 AM – 10:30 AM	Brief on Factory Visit Factory Visit and Experience Sharing with Entrepreneurs	**Mr. Chintan Trivedi** Founder Nirvana Technologies, Vadodara
		II	10:45 AM – 11:30 AM		
		III	12:30 PM-01:45 PM		
		IV	02:00 PM 03:15 PM		
	December 17, 2018 7th Day	I	09:15 AM – 10:30 AM	Interaction with the first Generation Entrepreneur	
		II	10:45 AM – 11:30 AM		
		III	12:30 PM-01:45 PM		
		IV	02:00 PM 03:15 PM		
	December 18-20, 2018 8-9-10th Day December 21, 2018 11th Day	I	09:15 AM – 10:30 AM	Feedback, Discussion on Market Survey & evaluating PPRs	**Dr. Amit Thakkar** Associate Professor, Department of IT Engineering C S Patel Institute of Technology, Faculty of Technology and Engineering - CHARUSAT
		II	10:45 AM – 11:30 AM		
		III	12:30 PM-01:45 PM	Interactions with Technical Experts for finalizing projects	
		IV	02:00 PM 03:15 PM		
E – 4: MOTIVATIONAL	December 22, 2018 12th Day	Developing Entrepreneurial Competencies (Achievement Motivation Training)			**Mr. Chandramauli Pathak,** Entrepreneurship Expert / International Trainer

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MODULE – 5: PROJECT REPORT PREPARATION	December 24, 2018 13rd Day	I	09:15 AM – 10:30 AM	How to Prepare Detail Project Report	**Mr. Niket Naik** Chief Technical Officer / Board of Director DigiFarm Tecnologies, Navsari
		II	10:45 AM – 11:30 AM	Production Planning in MSME	
		III	12:30 PM- 01:45 PM		
		IV	02:00 PM 03:15 PM	Purchase Technique	
	December 26, 2018 14th Day	I	09:15 AM – 10:30 AM	Working Capital Assessment & Management in SSI	**Mr. Roopin Patel** Chartered Accountants, Patel & Mehta Chartered Accountants, Anand
		II	10:45 AM – 11:30 AM		
		III	12:30 PM- 01:45 PM	Break Even Point	
		IV	02:00 PM 03:15 PM		
	December 27, 2018 15th Day	I	09:15 AM – 10:30 AM	Product Costing and Cost Consciousness	
		II	10:45 AM – 11:30 AM		
		III	12:30 PM- 01:45 PM	Profitability & Balance Sheet	
		IV	02:00 PM 03:15 PM		
	December 28, 2018 16th Day	I	09:15 AM – 10:30 AM	Cash flow Production Planning	**Mr. Rajesh Sadhwani** Asst. Professor, Indukaka Ipcowala Institute of Management (I^2IM), FMS, CHARUSAT
		II	10:45 AM – 11:30 AM		
		III	12:30 PM- 01:45 PM	Financial Management	
		IV	02:00 PM 03:15 PM		
MODULE – 5 : MANAGEMENT INPUTS	December 29, 2018 17th Day	I	09:15 AM – 10:30 AM	Marketing Management: Product Promotion, Sales and Advertisement	**Dr. Govind Dave**
		II	10:45 AM – 11:30 AM		
		III	12:30 PM- 01:45 PM	Preparation of Detail Project Report	
		IV	02:00 PM 03:15 PM		
	December 31, 2018 18th Day	I	09:15 AM – 10:30 AM	Human Resource Management	**Ms. Kirti Makwana** Asst. Professor, Indukaka Ipcowala Institute of Management(I^2IM), FMS, CHARUSAT
		II	10:45 AM – 11:30 AM	Time Management	
		III	12:30 PM- 01:45 PM	IPR and It's Management	**Mr. Padmin Buch** IPR Domian Expert,

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		IV	02:00 PM 03:15 PM	Pattern, Copy Rights, Trade Mark and Industrial Management	Ahmedabad
	January 01, 2018 19th Day	I	09:15 AM – 10:30 AM	Negotiation and Networking	**Dr. Govind Dave**
		II	10:45 AM – 11:30 AM	Delegation of Authority and Work Effort	
		III	12:30 PM- 01:45 PM	Leadership Modes	
		IV	02:00 PM 03:15 PM	Efficiency Orientation and Systematic Planning	
	January 02, 2018 20th Day	I	09:15 AM – 10:30 AM	Legal Formalities in an Enterprise: (Factory Act, PF, Labour Laws etc.)	**Mr. Joel Evans** Company Secretary, Gujarat Mineral Development Corporation Ltd. (A GOVERNMENT OF GUJARAT UNDERTAKING)
		II	10:45 AM – 11:30 AM		
		III	12:30 PM- 01:45 PM	Taxation: Various Taxes Applicable to MSME	
		IV	02:00 PM 03:15 PM		
	January 03, 2018 21st Day	I	09:15 AM – 10:30 AM	Legal formalities for Loan Disbursement	
		II	10:45 AM – 11:30 AM		
		III	12:30 PM- 01:45 PM	Interfacing with Leading Institutions for Business Plan Appraisal	
		IV	02:00 PM 03:15 PM	Interfacing with R&D Institutions for Technology Sourcing	
MODULE – 6: TECHNICAL TRAINING / EXPOSURE	January 04, 2018 21st Day to January 21, 2019 35th Day Technical Training / Exposure on the projects chosen by the Trainees				
	January 22, 2018 36th Day	I	09:15 AM – 10:30 AM	Feedback and Evaluation of the Programme	**Dr. Govind Dave** Dean Faculty of Management Studies - CHARUSAT
		II	10:45 AM – 11:30 AM		
		III	12:30 PM- 01:45 PM	Action plan preparation	
		IV	02:00 PM 03:15 PM	Valedictory	

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December 10, 2018- January 22, 2019

Annexure-3: List of Faculty Members / Resource Person

Sr. No.	Name	Designation	Organisation
01.	**Dr. Govind Dave**	Dean	Faculty of Management Studies CHARUSAT, Changa
		Principal	Indukaka Ipcowala Institute of Management (I^2IM), CHARUSAT, Changa
02.	**Dr. Pranav Desai**	Asst. Professor	Indukaka Ipcowala Institute of Management, Faculty of Management Studies CHARUSAT, Changa
03.	**Ms. Kirti Makwana**	Asst. Professor	Indukaka Ipcowala Institute of Management(I^2IM), FMS, CHARUSAT
04.	**Mr. Rajesh Sadhwani**	Asst. Professor	Indukaka Ipcowala Institute of Management(I^2IM), FMS, CHARUSAT
05.	**Mr. Chandramauli Pathak**	Entrepreneurship Expert / International Trainer	Ahmedabad
06.	**Mr. Roopin Patel**	Chartered Accountants	Patel & Mehta Chartered Accountants, Anand
07.	**Mr. Joel Evans**	Company Secretary	Gujarat Mineral Development Corporation Ltd.(A GOVERNMENT OF GUJARAT UNDERTAKING)
08.	**Dr. Ritesh Patel**	Associate Professor	Department of Computer Engineering C S Patel Institute of Technology, Faculty of Technology and Engineering - CHARUSAT
09.	**Dr. Amit Thakkar**	Associate Professor	Department of IT Engineering C S Patel Institute of Technology, Faculty of Technology and Engineering - CHARUSAT
10.	**Mr. Ravi Shah**	Asst. Manager	State Bank of India, Nadiad
11.	**Mr. Jay Mehta**	Cyber Law Consultant	Anand
12.	**Mr. Padmin Buch**	IPR Domian Expert	Ahmedabad

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13.	**Mr. Chintan Trivedi**	Founder Director	Nirvana Technologies, Vadodara
14.	**Dr. Chintan Pathak**	Lawyer, Educator, Ethical Hacker, Cyber Security Consultant	Cyber Care Clinic - A Technolegal Consultancy, Surat
15.	**Mr Niket Naik**	Chief Technical Officer / Board of Director	DigiFarm Tecnologies, Navsari

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Annexure-4: Detail of Industry Visited

Sr. No.	Name Address and Contact Details	Product / Services
01.	**Nirvana Technologies** Near, 16-B, Ajay Colony, Opp. Jain Temple, Delux Cross Road, Nizampura, Vadodara - 390002 **Mr. Chintan Trivedi** Founder Director, Nirvana Technologies, Vadodara Phone: 099987 62768	• Web Design • Web Development • Search Engine Optimization • E-commerce Solutions • Content Management System • Graphics Design • Domain & Web Hosting

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CHARUSAT CAMPUS, CHANGA

National Science & Technology Entrepreneurship Development Board (NSTEDB)
Department of Science & Technology (DST), Government of India, New Delhi
Sponsored

TECHNOLOGY BASED ENTREPRENEURSHIP DEVELOPMENT PROGRAMME (TEDP)

Organised by Entrepreneurship Development & Incubation Cell (EDIC)
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)
December 10, 2018- January 22, 2019

Annexure-5: Feedback Analysis of Report

Programme Location:
Interaction Theater – (IT) VI , Indukaka Ipcowala Institute of Management (I^2IM), CHARUSAT
Charotar University of Science & Technology (CHARUSAT)
CHARSUAT Campus Changa, Off Nadiad – Petlad Highway, Dist. Anand
Date: : From **Decebmber10, 2018** to **January 22, 2019**

Total No. of Participants: 22

Q.1) From where you got the information about this programme?

a) Pamphlets / Brochure	00 Nos. (00%)
b) Newspaper Advertisement	00 Nos. (00%)
c) Posters/ Hand Bills	12 Nos. (55%)
d) Other (Please Specify)	10 Nos. (45%)

(Class to class information has been circulated about the Programme)

Q.2) What is your opinion about the duration of Programme?

a) Short	00 Nos. (00%)
b) Adequate	16 Nos. (73%)
c) Long	06 Nos. (27%)

Q.3) Did you find the Programme useful?

a) Very much	17 Nos. (77%)
b) To some extent	05 Nos. (23%)
c) Not useful	00 Nos. (00%)

Q.4) Did it fulfill your expectations?

a) Yes	19 Nos. (86.%)
b) To some extent	03 Nos. (14%)
c) No	00 Nos. (00%)

Q.5) Planning of the Programme

a) Excellent	18 Nos. (60%)
b) Very good	03 Nos. (10%)
c) Good	01 Nos. (03%)
d) Satisfactory	00 Nos. (00%)
e) Poor	00 Nos. (00%)

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Minutes – 13th Meeting of Board of studies of Department of Information Technology

Date : August 26, 2017, Saturday
Time : 10:00 am
Venue : Conference Room, Building-II, CSPIT, CHARUSAT Campus

The 13th meeting of the Board of studies, Department of Information Technology, FTE, Charotar University of Science & Technology (CHARUSAT) was held on 26th August, 2017 at 10:00 a.m. onwards at conference room (CE/IT), CSPIT, CHARUSAT campus.
Following BOS members were remained present:

1.	Prof. Parth Shah	Chairman	HOD, IT Dept
2.	Dr. Amit Ganatra	Member	Dean, Faculty of Tech & Engg
3.	Dr. Ketan Kotecha	External	VC, Parul University
4.	Prof. B. V. Buddhadev	External	Head, Dept of CE, GEC-28
5.	Prof. M T Savaliya	External	Head, CE Dept., VGEC, Chandkheda
6.	Dr. Sanjay Chaudhary	External	Dean, Research, Ahmedabad University
7.	Mr. Roshan Shah	External	Technical Evangelist, Cybage, Pune
8.	Mr Nikunj Patel	External	Senior Vice President, Cape Gemini, Gandhinagar
9.	Prof. Amit Thakkar	Member	Asso. Prof.
10.	Mr. Amit Nayak	Member	Asst. Prof.
11.	Mr. Nirav Bhatt	Member	Asst. Prof.
12.	Ms. Purvi Prajapati	Member	Asst. Prof.
13.	Ms. Ayesha Shaikh	Member	Asst. Prof.
14.	Mr. Bimal Patel	Member	Asst. Prof.

Initiation:
Head of the Department of Information Technology, Prof. Parth Shah welcomed all the members of Board of Studies to the 13th meeting. He briefed the overall activities carried out by the department during last year.

Agenda Proceedings & Resolutions:-

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Item 13.01: For Discussion and Approval;

To approve the teaching scheme for all the semesters of B Tech CBCS courses effective from 2016.

Proceedings 13.01:

Dean FTE had requested to the chairman BoS of humanities department to introduce and update existing coursed related to B Tech students. Existing offered courses to the B Tech students along with the proposed courses are given below (refer annexure I for old courses and annexure II for new courses):

Program	Semester	Old Course	New Course
B Tech	I	A Course from Liberal Arts	HS Elective-I
	II	English Language & Literature	Communication Skills – I
	III	Values and Ethics	HS Elective-II
	IV	Critical Thinking and Logic	HS Elective-III
	V	Professional Communication	Professional Communication
	VI	Society, Governance and International Studies	HS Elective-IV

Resolutions 13.01:

Suggestions given by the members have been agreed and approved as per annexure II.

Item 13.02: For Discussion and Approval;

To approve the Teaching scheme and detailed syllabus for 3rd year (5th and 6th semester) CBCS B Tech courses.

Proceedings 13.02:

- Department had collected feedback from industry/academic experts, students and faculty members. Based on those feedback, few changes have been proposed in the teaching and examination schemes along with detail syllabi.
- Members have suggested change in nomenclature of Design & Analysis of Algorithm to Design & Analysis of Algorithms in semester-V.
- Members have suggested to offer Operating System fundamentals and operating system internals as a single course in semester-V.
- Members have suggested change in nomenclature of Advanced Programming using .NET Framework to Programming using .NET Framework as an elective course in semester-V.

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- Members have suggested that course on Machine Learning should be combined offered as Intelligent System such that it should include contents of Artificial Intelligence and Machine Learning in semester-VI.
- Members have suggested to introduce summer internship for the 5th semester student to get the awareness about working of industries.

Resolutions 13.02:

Suggestions given by the members have been agreed and approved as per annexure II.

Item 13.03: For Discussion and Approval;

Any change in PG Syllabus of CBCS courses

Proceedings 13.03:

Dean FTE has requested to the chairman BoS of humanities department to introduce and update existing coursed related to M Tech students. Existing offered courses to the M Tech students along with the proposed courses are given below (refer annexure III and IV for old courses and new courses respectively):

Program	Semester	Existing Course	New Course
M Tech	I	Advance Critical Thinking & Logic	Advance Critical Thinking & Logic Languages (French/ German) Academic Speaking
	II	Academic Writing and Communication Skills	Academic Writing

Resolutions 13.03:

Suggestions given by the members have been agreed and approved as per annexure IV.

Item 13.04: For Discussion and Approval;

Preparation, Discussion and approval for the Elective Courses (University, Institute, Program and Program Electives)

Proceedings 13.04:

As per directives of the university and CBCS norms, various departments and institutes have been requested to offer the courses as a University Elective. The list of the courses offered by various department/institute is given in annexure

Resolutions 13.04:

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Members have approved the courses and wished the success for the same as per annexure V.

Item 13.05: For Discussion and Approval;

Additional item(s) other than syllabus to be reviewed during BOS:

Review of University Exam Question Papers (Quality of Question Papers), Experiment Lists, Examiners' Panel, Placement Records and Result Analysis of Academic Year plus Analysis of Semester Results, Reg. Innovation in Pedagogy, World Class Universities, Outcome Based Education (OBE), Research (Publications, Proposals and Grants), Funding Agencies, Reg. NBA Accreditation Status, NAAC Accreditation of the University, Going for International Accreditation, Project works, Panel of Ph D Supervisors, Synopsis submission if any and its Approval, Approval of Reviewer's (Examiners) Panel, Feedback from Students, Identification of Slow Learners, Students Counselling, Quality of Inputs (Admission Scenario), Remedial Coaching, Quality of M Tech Dissertations, Industry Exposure, Responsible University etc. or any other additional items.

Proceedings 13.05:

Members have reviewed the information and data related to the Item.

Resolutions 13.05:

Members have appreciated effort taken by the department to strengthen each and every activity.

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Annexure I

(Agenda – I & II)

Existing Teaching & Examination Schemes

for

B Tech
Information technology

Effective From
(CHARUSAT 2016 Admitted Batch)

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CHARUSAT CAMPUS, CHANGA

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY (CHARUSAT 2016)

TEACHING & EXAMINATION SCHEME FOR B TECH (CBCS) PROGRAMME IN IT

Sem	Course Code	Course Title	Teaching Scheme								Examination Scheme				
			Contact Hours					Credit			Theory		Practical/Project		Total
			Theory	Practical	Tutorial	Project	Total	Theory	Practical	Total	Internal	External	Internal	External	
FY Sem-1	MA141	Engineering Mathematics-I	4	0	1	0	5	4	0	4	30	70	0	0	100
	CE141	Computer Concepts & Programming	4	4	0	0	8	4	2	6	30	70	50	50	200
	EE141	Basics of Electronics & Electrical Engineering	4	2	0	0	6	4	1	5	30	70	25	25	150
	CL142	Environmental Sciences	2	0	0	0	2	2	0	2	30	70	0	0	100
	HS101 A - HS106 A	A Course from Liberal Arts	2			0	2	0	2	2			50	50	100
	IT142	ICT Workshop	0	4	0	0	4	0	2	2			50	50	100
		Assignment Practices/Student Counseling/Remedial Classes/Library/Sports/Extra curricular &					9								
			14	12	1		36	14	7	21	120	280	175	175	750
FY Sem-2	MA142	Engineering Mathematics-II	4	0	1	0	5	4	0	4	30	70	0	0	100
	CE142	Object Oriented Programming with C++	4	4	0	0	8	4	2	6	30	70	50	50	200
	ME144	Elements of Engineering	4	2	1	0	7	4	1	5	30	70	25	25	150
	PY141	Engineering Physics	3	2	0	0	5	3	1	4	30	70	25	25	150
	HS121 A	English Language & Literature	2			0	2	2	0	2	25	25	25	25	100
		Assignment Practices/Student Counseling/Remedial Classes/Library/Sports/Extra curricular &				0	9								
			16	9	2	0	36	17	4	21	145	305	125	125	700

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CHARUSAT CAMPUS, CHANGA

TEACHING & EXAMINATION SCHEME FOR B TECH (CBCS) PROGRAMME IN IT

	Course Code	Course Title	Teaching Scheme								Examination Scheme				
			Teaching Scheme								Examination Scheme				
			Contact Hours					Credit			Theory		Practical/Project		Total
			Theory	Practical	Tutorial	Project	Total	Theory	Practical	Total	Internal	External	Internal	External	
SY Sem-3	MA242	Discrete Mathematics	4	0	0	0	4	4	0	4	30	70	0	0	100
	IT241	Digital Electronics	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT242	Java Programming	4	4	0	0	8	4	2	6	30	70	50	50	200
	XXXXX	University Elective- I	2	0	0	0	2	2	0	2	30	70	0	0	100
	IT243	Data Communication	4	2	0	0	6	4	1	5	30	70	25	25	150
	HS122A	Values and Ethics	2	0	0	0	2	2	0	2	30	70	0	0	100
	IT244	Software Group Project-I	0	0	0	4	4	0	2	2	0	0	50	50	100
		Assignment Practices/Student Counseling/Remedial Classes	0	6	0	0	4			0	0	0	0	0	0
			20	14	0	4	36	20	6	26	180	420	150	150	900
SY Sem-4	MA244	Probability and Numerical Techniques	4	0	0	0	4	4	0	4	30	70	0	0	100
	IT245	Computer Organization & Microprocessor Interfacing	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT246	Web Engineering	2	4	0	0	6	2	2	4	30	70	50	50	200
	IT247	Data Structures & Algorithms	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT248	Database Management System	4	2	0	0	6	4	1	5	30	70	25	25	150
	HS123	Critical Thinking and Logic	2	0	0	0	2	2	0	2	50	50	0	0	100
	XXXXX	University Elective- II	2	0	0	0	2	2	0	2	30	70	0	0	100
		Assignment Practices/Student Counseling/Remedial Classes	0	6	0	0	4			0	0	0	0	0	0
			22	16	0	0	36	22	5	27	230	470	125	125	950

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TEACHING & EXAMINATION SCHEME FOR B TECH (CBCS) PROGRAMME IN IT

	Course Code	Course Title	Teaching Scheme								Examination Scheme				
			Teaching Scheme								Examination Scheme				
			Contact Hours					Credit			Theory		Practical/Project		Total
			Theory	Practical	Tutorial	Project	Total	Theory	Practical	Total	Internal	External	Internal	External	
TY Sem-5	IT341	Design & Analysis of Algorithm	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT342	Advanced Web Technologies	2	2	0	0	4	2	1	3	30	70	25	25	150
	IT343	Operating System	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT344	Computer Networks	4	2	0	0	6	4	1	5	30	70	25	25	150
	HS124A	Professional Communication	0	2	0	0	2	0	1	1	0	0	30	70	100
		Elective-I	2	4	0	0	6	2	2	4	30	70	50	50	200
	IT345	Software Group Project-II	0	0	0	4	4	0	2	2	0	0	50	50	100
	IT346	Summer Internship-I	0	0	0	3	3	0	3	3	0	0	50	50	100
		Assignment Practices/Student Counseling/Remedial Classes	0	4	0	0	2			0	0	0	0	0	0
			16	18	0	7	39	16	12	28	150	350	280	320	1100
TY Sem-6	IT347	Software Engineering	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT348	Cryptography & Network Security	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT349	Wireless Communication & Mobile Computing	4	4	0	0	8	4	2	6	30	70	50	50	200
		Elective-II	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT350	Software Group Project-III	0	0	0	4	4	0	2	2	0	0	50	50	100
	HS125A	Society, Governance and International Studies	0	2	0	0	2	0	1	1	25	25	25	25	100
		Assignment Practices/Student Counseling/Remedial Classes	0	6	0	0	4			0	0	0	0	0	0
			16	18	0	4	36	16	8	24	145	305	200	200	850

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TEACHING & EXAMINATION SCHEME FOR B TECH (CBCS) PROGRAMME IN IT

	Course Code	Course Title	Teaching Scheme								Examination Scheme				
			Teaching Scheme								Examination Scheme				
			Contact Hours					Credit			Theory		Practical/Project		Total
			Theory	Practical	Tutorial	Project	Total	Theory	Practical	Total	Internal	External	Internal	External	
Final Year Sem-7	IT441	Data Warehousing & Data Mining	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT442	High Performance Computer Architecture	3	2	0	0	5	3	1	4	30	70	25	25	150
	IT443	Advanced Database Management System	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT444	Internet of Things	3	2	0	0	5	3	1	4	30	70	25	25	150
		Elective III	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT445	Software Group Project-IV	0	0	0	4	4	0	2	2	0	0	50	50	100
	IT446	Summer Internship-II	0	0	0	3	3	0	3	3	0	0	50	50	100
		Assignment Practices/Student Counseling/Remedial Classes	0	6	0	0	1			0	0	0	0	0	0
			18	16	0	7	36	18	10	28	150	350	225	225	950
Final Year Sem-8	IT447	Software Project Major	0	36	0	0	36	0	20	20	0	0	250	350	600
			0	36	0	0	36	0	20	20	0	0	250	350	600
Total			122	139	3	22	291	123	71	195	1120	2480	1538	1670	6800

LIST OF ELECTIVE SUBJECTS FOR B TECH IN IT

ELECTIVES	Code	Programme Elective - I	Code	Programme Elective - II	Code	Programme Elective - III
	IT371	Advanced Java programming	IT375	Advanced Computing	IT471	Python Programming
	IT372	Advanced Programming using .NET Framework	IT376	Language Processors	IT472	Image Processing
	IT373	Embedded Systems	IT377	Machine Learning	IT473	Big Data Analytics

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Annexure II

(Agenda – I & II)

Approved Teaching & Examination Schemes

for

B Tech
Information technology

Effective From
(CHARUSAT 2016 Admitted Batch)

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CHARUSAT CAMPUS, CHANGA

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY (CHARUSAT 2017)

TEACHING & EXAMINATION SCHEME FOR B TECH (CBCS) PROGRAMME IN IT

Sem	Course Code	Course Title	Teaching Scheme								Examination Scheme				
			Contact Hours					Credit			Theory		Practical/Project		Total
			Theory	Practical	Tutorial	Project	Total	Theory	Practical	Total	Internal	External	Internal	External	
FY Sem-1	MA141	Engineering Mathematics-I	4	0	1	0	5	4	0	4	30	70	0	0	100
	CE141	Computer Concepts & Programming	4	4	0	0	8	4	2	6	30	70	50	50	200
	EE141	Basics of Electronics & Electrical Engineering	4	2	0	0	6	4	1	5	30	70	25	25	150
	CL142	Environmental Sciences	2	0	0	0	2	2	0	2	30	70	0	0	100
		HS Elective-I	2			0	2	0	2	2			30	70	100
	IT142	ICT Workshop	0	4	0	0	4	0	2	2			50	50	100
		Assignment Practices/Student Counseling/Remedial Classes/Library/Sports/Extra curricular &					9								
			14	12	1		36	14	7	21	120	280	155	195	750
FY Sem-2	MA142	Engineering Mathematics-II	4	0	1	0	5	4	0	4	30	70	0	0	100
	CE142	Object Oriented Programming with C++	4	4	0	0	8	4	2	6	30	70	50	50	200
	ME144	Elements of Engineering	4	2	1	0	7	4	1	5	30	70	25	25	150
	PY141	Engineering Physics	3	2	0	0	5	3	1	4	30	70	25	25	150
	HS126.01 A	Communication Skills – I	2			0	2	2	0	2	30	70	0	0	100
		Assignment Practices/Student Counseling/Remedial Classes/Library/Sports/Extra curricular &				0	9								
			16	9	2	0	36	17	4	21	150	350	100	100	700

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CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY (CHARUSAT 2017)

TEACHING & EXAMINATION SCHEME FOR B TECH (CBCS) PROGRAMME IN IT

	Course Code	Course Title	Teaching Scheme								Examination Scheme				
			Contact Hours					Credit			Theory		Practical/Project		Total
			Theory	Practical	Tutorial	Project	Total	Theory	Practical	Total	Internal	External	Internal	External	
SY Sem-3	MA242	Discrete Mathematics	4	0	0	0	4	4	0	4	30	70	0	0	100
	IT241	Digital Electronics	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT242	Java Programming	4	4	0	0	8	4	2	6	30	70	50	50	200
	XXXXX	University Elective- I	2	0	0	0	2	2	0	2	30	70	0	0	100
	IT243	Data Communication	4	2	0	0	6	4	1	5	30	70	25	25	150
		HS Elective-II	2	0	0	0	2	2	0	2	30	70	0	0	100
	IT244	Software Group Project-I	0	0	0	4	4	0	2	2	0	0	50	50	100
		Assignment Practices/Student Counseling/Remedial Classes	0	6	0	0	4			0	0	0	0	0	0
			20	14	0	4	36	20	6	26	180	420	150	150	900
SY Sem-4	MA244	Probability and Numerical Techniques	4	0	0	0	4	4	0	4	30	70	0	0	100
	IT245	Computer Organization & Microprocessor Interfacing	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT246	Web Engineering	2	4	0	0	6	2	2	4	30	70	50	50	200
	IT247	Data Structures & Algorithms	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT248	Database Management System	4	2	0	0	6	4	1	5	30	70	25	25	150
		HS Elective-III	2	0	0	0	2	2	0	2	30	70	0	0	100
	XXXXX	University Elective- II	2	0	0	0	2	2	0	2	30	70	0	0	100
		Assignment Practices/Student Counseling/Remedial Classes	0	6	0	0	4			0	0	0	0	0	0
			22	16	0	0	36	22	5	27	210	490	125	125	950

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CHARUSAT CAMPUS, CHANGA

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY (CHARUSAT 2017)

TEACHING & EXAMINATION SCHEME FOR B TECH (CBCS) PROGRAMME IN IT

	Course Code	Course Title	Teaching Scheme								Examination Scheme				
			Contact Hours					Credit			Theory		Practical/Project		Total
			Theory	Practical	Tutorial	Project	Total	Theory	Practical	Total	Internal	External	Internal	External	
TY Sem-5	IT341	Design & Analysis of Algorithms	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT342	Advanced Web Technologies	2	2	0	0	4	2	1	3	30	70	25	25	150
	IT343	Operating System	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT344	Computer Networks	4	2	0	0	6	4	1	5	30	70	25	25	150
	HS124.01A	Professional Communication	0	2	0	0	2	0	1	1	0	0	30	70	100
		Elective-I	2	4	0	0	6	2	2	4	30	70	50	50	200
	IT345	Software Group Project-II	0	0	0	4	4	0	2	2	0	0	50	50	100
	IT346	Summer Internship-I	0	0	0	3	3	0	3	3	0	0	75	75	150
		Assignment Practices/Student Counseling/Remedial Classes	0	4	0	0	2			0	0	0	0	0	0
			16	18	0	7	39	16	12	28	150	350	305	345	1150
TY Sem-6	IT347	Software Engineering	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT348	Cryptography & Network Security	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT349	Wireless Communication & Mobile Computing	4	4	0	0	8	4	2	6	30	70	50	50	200
		Elective-II	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT350	Software Group Project-III	0	0	0	4	4	0	2	2	0	0	50	50	100
		HS Elective-IV	0	2	0	0	2	0	1	1	30	70	0	0	100
		Assignment Practices/Student Counseling/Remedial Classes	0	6	0	0	4			0	0	0	0	0	0
			16	18	0	4	36	16	8	24	150	350	175	175	850

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CHARUSAT CAMPUS, CHANGA

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY (CHARUSAT 2017)

TEACHING & EXAMINATION SCHEME FOR B TECH (CBCS) PROGRAMME IN IT

	Course Code	Course Title	Teaching Scheme								Examination Scheme				
			Contact Hours					Credit			Theory		Practical/Project		Total
			Theory	Practical	Tutorial	Project	Total	Theory	Practical	Total	Internal	External	Internal	External	
Final Year Sem-7	IT441	Big Data Analytics	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT442	High Performance Computer Architecture	3	2	0	0	5	3	1	4	30	70	25	25	150
	IT443	Service Oriented Architecture	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT444	Internet of Things	3	2	0	0	5	3	1	4	30	70	25	25	150
		Elective III	4	2	0	0	6	4	1	5	30	70	25	25	150
	IT445	Software Group Project-IV	0	0	0	4	4	0	2	2	0	0	50	50	100
	IT446	Summer Internship-II	0	0	0	3	3	0	3	3	0	0	50	50	100
		Assignment Practices/Student Counseling/Remedial Classes	0	6	0	0	1			0	0	0	0	0	0
			18	16	0	7	36	18	10	28	150	350	225	225	950
Final Year Sem-8	IT447	Software Project Major	0	36	0	0	36	0	20	20	0	0	250	350	600
			0	36	0	0	36	0	20	20	0	0	250	350	600
Total			122	139	3	22	291	123	72	195	1110	2590	1485	1665	6850

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CHARUSAT CAMPUS, CHANGA

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY (CHARUSAT 2017)

TEACHING & EXAMINATION SCHEME FOR B TECH (CBCS) PROGRAMME IN IT

LIST OF ELECTIVE SUBJECTS FOR B TECH IN IT

ELECTIVES

Code	Programme Elective - I	Code	Programme Elective - II	Code	Programme Elective - III
IT371	Advanced Java programming	IT375	Advanced Computing	IT471	Python Programming
IT372	Programming using .NET Framework	IT376	Language Processors	IT472	Image Processing
IT373	Embedded Systems	IT377	Intelligent System	IT473	Cyber Security & Laws

HS Elective - I
HS101.01 A - Painting
HS102.01 A - Photography
HS103.01 A - Sculpting
HS104.01 A - Pottery and Ceramic Arts
HS105.01 A - Media and Graphic Design
HS106.01 A - Art and Craft
HS107.01 A - Fashion Designing
HS108.01 A - Interior Designing
HS109.01 A - Dramatics
HS110.01 A - Contemporary Dance
HS132 A - Academic English

HS Elective - II
HS122 A - Values and Ethics
HS131 A - Philosophy

HS Elective - III
HS123.01 A - Critical Thinking and Logic
HS127.01 A - Communication Skills – II
HS133 A - Creativity, Problem Solving and Innovation

HS Elective - IV
HS125.01 A - Society, Governance and International Studies
HS130 A - Law & Justice
HS134 A - Contributor Personality Development

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CHARUSAT CAMPUS, CHANGA

Annexure III

(Agenda - III)

Proposed Teaching & Examination Scheme

for

M Tech
Information technology

Effective From
(CHARUSAT 2016 Admitted Batch)

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CHARUSAT CAMPUS, CHANGA

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY

TEACHING & EXAMINATION SCHEME FOR M TECH (CBCS) PROGRAMME IN INFORMATION TECHNOLOGY

Sem	Course Code	Course Title	Teaching Scheme				Examination Scheme				
			Contact Hours			Credit	Theory		Practical		Total
			Theory	Practical	Total		Internal	External	Internal	External	
FY Sem I	IT741	Algorithms & Computational Complexity	3	2	5	4	30	70	25	25	150
	IT742	Advanced Computer Network	3	2	5	4	30	70	25	25	150
	IT743	High Performance Computing	3	4	7	5	30	70	50	50	200
		Programme Elective-I (PE-I)	3	2	5	4	30	70	25	25	150
		Cluster Elective-I (CT-I)	3	2	5	4	30	70	25	25	150
	HS701	University Core-I Advance Critical Thinking & Logic (UC-I)	2	0	2	2	30	70	0	0	100
		Institute Elective-I (IE-I)	2	0	2	2	30	70	0	0	100
			19	12	31	25	210	490	150	150	1000
FY Sem II	IT744	Information and Network Security	3	4	7	5	30	70	50	50	200
	IT745	Data Science & Modelling	3	2	5	4	30	70	25	25	150
	IT746	Computational Intelligence	3	2	5	4	30	70	25	25	150
		Programme Elective-II (PE-II)	3	2	5	4	30	70	25	25	150
		Cluster Elective-II (CT-II)	3	2	5	4	30	70	25	25	150
	HS702	University Core-II Academic Writing and Communication Skills (UC-II)	2	0	2	2	0	0	30	70	100
		Institute Elective-II (IE-II)	2	0	2	2	30	70	0	0	100
			19	12	31	25	180	420	180	220	1000

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CHARUSAT CAMPUS, CHANGA

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY

TEACHING & EXAMINATION SCHEME FOR M TECH (CBCS) PROGRAMME IN INFORMATION TECHNOLOGY

Sem	Course Code	Course Title	Teaching Scheme				Examination Scheme					
			Contact Hours			Credit	Theory		Practical		Total
			Theory	Practical	Total		Internal	External	Internal	External	
Sem	Course Code	Course Title				Credit	Examination Scheme					Total
							Internal		External			
							Progress Report	Progress Seminar	Report	Seminar	Viva -voce	
SY Sem III	IT811	Project Preliminaries				4	50	50	0	50	50	200
	IT812	Project Phase-I				18	100	100	100	100	100	500
						22						700
SY Sem IV	IT813	Project Phase-II				30	200	200	200	200	200	1000
						30						1000
Total			38	24	102	50	390	910	330	370		3700

	Semester 1 (Programme Elective I)		Semester 2 (Programme Elective II)	Cluster Electives offered by the Departments		Sem
IT761	Advanced Operating System	IT764	Web Services & Service Oriented Computing	IT767	Micro Device Programming	I
IT762	Information Storage and Retrieval	IT765	Internet of things	IT768	Applied Cryptography	II
IT763	Language Processor	IT766	Cloud Computing	EC767	Embedded System Design	I
				EC768	Digital Image & Speech Processing	II
	Semester 1 (Institute Elective I)		Semester 2 (Institute Elective II)	CE767	Operating System Design & Concepts	I
MA771	Reliability and Risk Analysis	EE782	Energy Audit and Management	CE768	Software Project Management & Quality Assurance	II
EE781	Optimization Techniques	CE771	Project Management	EE771	Digital Signal Processing & its Applications	I
ME781	Occupational Health & Safety	IT771	Cyber Security and Laws	EE772	Restructuring and Deregulation of Power Systems	II

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CHARUSAT CAMPUS, CHANGA

Annexure IV

(Agenda - III)

Approved Teaching & Examination Scheme

for

M Tech
Information technology

Effective From
(CHARUSAT 2017 Admitted Batch)

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CHARUSAT CAMPUS, CHANGA

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY

TEACHING & EXAMINATION SCHEME FOR M TECH (CBCS) PROGRAMME IN INFORMATION TECHNOLOGY

Sem	Course Code	Course Title	Teaching Scheme				Examination Scheme				
			Contact Hours			Credit	Theory		Practical		Total
			Theory	Practical	Total		Internal	External	Internal	External	
FY Sem I	IT741	Algorithms & Computational Complexity	3	2	5	4	30	70	25	25	150
	IT742	Advanced Computer Network	3	2	5	4	30	70	25	25	150
	IT743	High Performance Computing	3	4	7	5	30	70	50	50	200
		Programme Elective-I	3	2	5	4	30	70	25	25	150
		Programme Cluster Elective-I	3	2	5	4	30	70	25	25	150
	HS	HS701A - Advance Critical Thinking & Logic	2	0	2	2	30	70	0	0	100
		HS703.01A - Languages (French/ German)	0	2	2	2	0	0	30	70	100
		HS704A -Academic Speaking	0	2	2	2	0	0	30	70	100
		University Elective-I	2	0	2	2	30	70	0	0	100
			19	16	35	29	210	490	210	290	1200
FY Sem II	IT744	Information and Network Security	3	4	7	5	30	70	50	50	200
	IT745	Data Science & Modelling	3	2	5	4	30	70	25	25	150
	IT746	Computational Intelligence	3	2	5	4	30	70	25	25	150
		Programme Elective-II	3	2	5	4	30	70	25	25	150
		Programme Cluster Elective-II	3	2	5	4	30	70	25	25	150
	HS	HS705 A - Academic Writing	0	2	2	2	0	0	30	70	100
		University Elective-II	2	0	2	2	30	70	0	0	100
			17	14	31	25	180	420	180	220	1000

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CHARUSAT CAMPUS, CHANGA

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY

TEACHING & EXAMINATION SCHEME FOR M TECH (CBCS) PROGRAMME IN INFORMATION TECHNOLOGY

Sem	Course Code	Course Title			Credit	Examination Scheme					Total
						Internal		External			
						Progress Report	Progress Seminar	Report	Seminar	Viva -voce	
SY Sem III	IT811	Project Preliminaries			4	50	50	0	50	50	200
	IT812	Project Phase-I			18	100	100	100	100	100	500
					22	150	150	100	150	150	700
SY Sem IV	IT813	Project Phase-II			30	200	200	200	200	200	1000
					30	200	200	200	200	200	1000
Total			36	30	106	404	740	1210	740	860	3900

Course Code	Semester 1 (Programme Elective I)	Course Code	Semester 2 (Programme Elective II)
IT761	Advanced Operating System	IT764	Web Services & Service Oriented Computing
IT762	Information Storage and Retrieval	IT765	Internet of things
IT763	Language Processor	IT766	Cloud Computing
Course Code	Semester 1 (Programme Cluster Elective I)	Course Code	Semester 2 (Programme Cluster Elective II)
IT767	Micro Device Programming	IT768	Applied Cryptography
EC767	Embedded System Design	EC768	Digital Image & Speech Processing
CE767	Operating System Design & Concepts	CE768	Software Project Management & Quality Assurance
EE771	Digital Signal Processing & its Applications	EE772	Restructuring and Deregulation of Power Systems

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CHARUSAT CAMPUS, CHANGA

Annexure V

(Agenda - IV)

Approved list of university elective courses

for

B Tech
Information technology

Effective From
(CHARUSAT 2016 Admitted Batch)

Certified By:

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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
CHARUSAT CAMPUS, CHANGA

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
List of University Elective Courses under
Choice Based Credit System
Second Year Undergraduate Programme
(Effective From Academic year 2017-18)

Sr. No.	Course Code & Course Name	Department / Faculty offering the Course	Semester in which the course to be offered / Remarks
1	EC281: Introduction to MATLAB Programming	EC / FTE	3
2	EC282: Prototyping Electronics with Arduino		4
3	CE281: Art of Programming	CE / FTE	3
4	CE282: Web Designing		4
5	CL281: Environmental Sustainability and Climate Change	CL / FTE	3
6	CL282: Basics of Environmental Impact Assessment		4
7	EE281: Electrical Engineering Materials	EE/FTE	3
8	EE282: Electrical Power Utilization		4
9	IT281: ICT Resources and Multimedia	IT/FTE	3
10	IT282: Internet Technology and Web Design		4
11	ME281: Engineering Drawing	ME/FTE	3
12	ME282: Material Science		4
13	PH233: Fundamentals of Packaging	RPCP/FPH	3
14	PH238: Cosmetics in daily life		4
15	PD260: Basic Laboratory Techniques	PDPIAS/FAS	Semester 3 course is submitted; Semester 4 course is pending
16	NR251: First Aid & Life Support	NURSING / FMD	3
17	NR261: Life Style Diseases & Management		4
18	PT191: Health Promotion and Fitness	ARIP / FMD	3
19	PT192: Occupational Health & Ergonomics		4
20	CA224: Introduction to Web Designing	CMPICA / FCA	3
21	CA225: Programming the Internet		4
20	BM231: Banking and Insurance	IMM / FMS	3
21	BM241: Health Care Management		4

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CHARUSAT CAMPUS, CHANGA

Department of Information Technology, CSPIT, CHARUSAT

Annexure-II

Event Report

1.	Event Title	:	IT Startup Project Competition
2.	Department	:	Smt. Kundanben Dinsha Patel Department of Information Technology,, CSPIT, CHARUSAT, Changa
3.	Proposed Event Date	:	19th March, 2021 (Friday): 1st Round 9th April, 2021 (Friday): 2nd Round 30th April, 2021(Friday): 3rd Round
4.	Duration of the Event	:	6 hour each round = Total 18 Hours
5.	Participants	:	UG students (B.Tech IT)
6.	Objective of the Event	:	The objective of this competition is to align software project development toward startup activities in engineering students and help them to venture into business entity.
7.	Proposed Expense	:	Rs. 30,000/- [1St Prize : 15,000/- 2nd Prize : 10,000/- 3rd Prize : 5000/-]
8	Approved Amount from Charusat		10000 [1St Prize : 5,000/- 2nd Prize : 3,000/- 3rd Prize : 2000/-]
9	Total Participants		1st Round: 100+ Projects 2nd Round: 40 Projects Projects 3rd Round: 14 Projects

Certified By:

Hemant N Yadav
Event Coordinator

Dr. Parth Shah
HOD IT

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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
CHARUSAT CAMPUS, CHANGA

Department of Information Technology, CSPIT, CHARUSAT

Date: 10 Mar 2021

Proposal for organizing Event

1.	Event Title	:	IT Startup Project Competition
2.	Department	:	Department of Information Technology, CSPIT, CHARUSAT, Changa
3.	Proposed Event Date	:	19th March 2021 (Friday): 1st Round 9th April 2021 (Friday): 2nd Round 30th April 2021(Friday): 3rd Round
4.	Duration of the Event	:	6 hour each round = Total of 18 Hours
5.	Participants	:	UG students (B.Tech IT)
6.	The objective of the Event	:	The objective of this competition is to align software project development toward startup activities in engineering students and help them to venture into a business entity.
7.	Proposed Expense	:	Rs. 30,000/- [1St Prize: 15,000/- 2nd Prize: 10,000/- 3rd Prize: 5000/-]

Hemant N Yadav
Event Coordinator

Dr. Parth Shah
HOD IT

Prize money is too high
It should be
5000/-
3000/-
& 2000/- as per your sequence.
10/3/21

Certified By:

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OF SCIENCE AND TECHNOLOGY
CAMPUS, CHANGA

Round 1 Project List

19IT003	AMRUTIYA ZEELKUMAR VIPULKUMAR	Microsoft-teams class attender (bot)
19IT004	ANTALA NEVILY JANAKBHAI	Job Finder website with database in redis, platforms : html, css, javascript, node, react
19IT006	BALAR RUTVIK NARESHBHAI	Virtual painter
19IT007	BANGORIYA ROHAN RAMNIKBHAI	android music player application using android studio
19IT008	BAROT SAMEER RAJENDRABHAI	CV Generator
19IT009	SHREYANSH UMESHCHANDRA BHAGAT	CV Generator
19IT010	BHATTI MAYUR AJAYBHAI	Crypt-It
19IT011	BHAVSAR JAINAM DHARMENDRAKUMAR	Cartoonify an Image with OpenCV in Python
19IT013	BHEDA RAJ SNEHAL	PhotoCode : A Cross platform Code Editor which fetches handwritten code from paper
19IT014	BHUVA KEVAL MUKESHBHAI	Foliar disease classification in apple leaves using Python 3.6, anaconda, tensorflow, keras, , matploatlib, numpy, sqlite Database, OS
19IT015	BHUVA PINAK MITESHKUMAR	PhotoCode : A Cross platform Code Editor which fetches handwritten code from paper
19IT016	BUTANI MANAV MAGANBHAI	Magic notes website using html,css,Javascript,mongoDB,
19IT017	BUTANI OMSHREE ATULBHAI	Cartoonify an Image with OpenCV in Python
19IT018	BUTANI RUTKUMAR RAJESH	android music player application using android studio
19IT019	BUTANI RUTU JITESHBHAI	Job Finder website with database in redis, platforms : html, css, javascript, node, react
19IT020	CARPENTER KHUSHI AMBERISH	Crypt-It
19IT021	CHANDRAVADIA VIPUL KUMAR	Microsoft-teams class attender (bot)
19IT025	CHAUHAN RUDRA PRAMODBHAI	Musically Mine (Dating application based on music taste)
19IT026	CHAVDA PRADEEPSINH ANOPSINH	IOT based Smart security system
19IT028	DADHANIYA RAJ DILIPBHAI	Vacation place recommendation using Twitter trends
19IT029	DARJI UTSAVKUMAR HASMUKHKUMAR	identification of diseases from pathology report
19IT030	DELVADIYA KARAN MAHENDRABHAI	College/University Event management
19IT031	DESAI AMAN HARISHKUMAR	Indian Sign Language Detection
19IT032	DESAI MANSI JAGDISHKUMAR	Indian Sign Language Detection

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CHARUSAT CAMPUS, CHANGA

19IT034	GABANI ARPIT HIMMATBHAI	Farmer helping app
19IT035	GADHIYA KRUTIK RAJESHBHAI	College/University Event management
19IT036	GAJERA RAJKUMAR CHANDULAL	identification of deases from pathology report
19IT037	GANDHI HARDIK MEHULKUMAR	Indian Sign Language Detection
19IT038	GANDHI SHRUTI PARESH	Musically Mine (Dating application based on music taste)
19IT039	GHADIYA AYUSH HARESH	Vacation place recommendation using Twitter trends
19IT042	GOHIL DIVYANSHKUMAR GAMBHIRSINH	Farmer helping app
19IT043	GOHIL JENIS RASHMIKANT	Salary management system using java and SQLite
19IT044	GONDALIYA KEYURKUMAR BABUBHAI	Electricity billing system
19IT045	GORIYA MEGHA KETANKUMAR	Health monitoring system using arduino
19IT046	GUJARATI AUM AMITKUMAR	Weather forecasting app using flutter
19IT047	JADAV KRUTIKSINH AJITSINH	Weather forecasting app using flutter
19IT048	JHAVERI DRASHTIBEN RIPALKUMAR	Chatbot for appointment
19IT051	KALATHIYA RUCHIT JAGDISHBHAI	News App using react native
19IT052	KANANI DIXIT DHANJIBHAI	Electricity billing system
19IT053	KANJARIYA SAHIL MANSUKHBHAI	Document storaging app using flutter
19IT054	KAVAR DEEP MAHESHBHAI	Document storaging app using flutter
19IT055	KHATRI FARHAN ASHFAK	Chatbot for appointment
19IT056	KOTAK DEVARSH MANISHKUMAR	Salary management system using java and SQLite
19IT057	LAD STUTIKUMARI SATISHBHAI	Health monitoring system using arduino
19IT058	LADHANI TEJAS RAJESHBHAI	Portfolio Managment website using react js
19IT059	SHREYKUMAR HARSHADKUMAR MAKWANA	Portfolio Managment website using react js
19IT061	MALAVIYA AKSHAY DINESHBHAI	Weather Station App
19IT062	MANDANI VIVEK BHARATBHAI	News App using react native
19IT063	MANDANKA KEVALKUMAR BHIKHABHAI	Weather Station App
19IT064	MANGUKIYA JEET DINESHBHAI	Chat Application
19IT067	MISTRY CHINTAN AJAYBHAI	AN ANDROID VIDEO CALLING APP HAVING ABUNDANTLY MANY FEATURES IN IT.
19IT068	MODI MIHIR KALPESHBHAI	Multiplayer online game
19IT069	MORADIYA VEET VINUBHAI	Android application like GoMechanic
19IT070	NAGAR DHRUVKUMAR DINESHKUMAR	Collage Extension For Charusat

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CHARUSAT CAMPUS, CHANGA

19IT071	NASARIWALA SAHIL SAMIRBHAI	Multiplayer online game
19IT072	NATHANI HARSHKUMAR BHARATBHAI	AN ANDROID VIDEO CALLING APP HAVING ABUNDANTLY MANY FEATURES IN IT.
19IT073	NAVADIA SHREY ASHVIN	IMDB for books
19IT074	AKANKSHA PANDEY	To create a Machine Learning based web application that will suggest and compare phones according to the user's priority and budget.
19IT075	PAREKH DEVANSHU MEHUL	Android application like GoMechanic
19IT076	PAREKH KAMAL ASHWINKUMAR	To create a Weather forecasting web application with data given in API id.
19IT077	PARIKH KHUSHI SANDIPBHAI	IMDB for books
19IT078	PARMAR ANGEL KANTIBHAI	To create a Machine Learning based web application that will suggest and compare phones according to the user's priority and budget.
19IT080	PARMAR VATSAL MAHESHBHAI	cryptocurrency analysis with python
19IT081	PARVADIYA RAVIKUMAR VINODBHAI	Collage Extension For Charusat
19IT082	AAYUSHKUMAR PATEL	Chat Application
19IT084	PATEL AKSHATKUMAR RAKESHBHAI	cryptocurrency analysis with python
19IT085	PATEL ARSHKUMAR NITINBHAI	Phonic Sound Learnign App for Kids
19IT087	PATEL BREEZE PRAVINKUMAR	Crossword for kids Mobile App
19IT088	CHARMI PRAVINBHAI PATEL	Krushi Bazar (Online Crop Selling Platform)
19IT089	PATEL DEEP CHETANBHAI	Equity Market News Scrapping App
19IT090	PATEL DEEP NARENDRAKUMAR	GST Billing Android App
19IT091	PATEL DEEP SANDIPKUMAR	Equity Market News Scrapping App
19IT092	PATEL DEV HARSHAD	Learning App for Junior
19IT093	PATEL DHAIRYA BIPINKUMAR	Health record App
19IT094	PATEL DHARMIK MUKESHBHAI	Drop Shiping
19IT095	DHRUV KAMLESHBHAI PATEL	Krushi Bazar (Online Crop Selling Platform)
19IT096	DHVANI PATEL	Add/Sub/Mul/Div Learnign App for kids
19IT097	PATEL DHYEYKUMAR JIGNESHBHAI	Health record App
19IT098	PATEL HIRAK RAKESHKUMAR	Mobile App for Tiffin Service Provider
19IT099	PATEL JATIN HITESHBHAI	Health record App
19IT100	PATEL KOMIL BHUPENDRAKUMAR	Health record App
19IT101	KRISHNA JIGNESHKUMAR PATEL	Add/Sub/Mul/Div Learnign App for kids

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19IT102	KRUNAL PATEL	GST Billing android app
19IT103	PATEL MANAN RAJESHKUMAR	Mobile App for Tiffin Service Provider
19IT105	PATEL NISHIT NARENDRAKUMAR	Crossword for kids Mobile App
19IT107	PATEL RUTUL MANUBHAI	Automated Green House (Android)
19IT108	PATEL SHACHI PINAKIN	Automated Green House (Android)
19IT109	PATEL SHIVAM CHIRAGBHAI	Expense Manager App (Android)
19IT110	PATEL SHREYALIKUMARI RAJNIKANT	Face Recognition System
19IT111	PATEL SHREYAS SANJAYBHAI	Settle Up (Android)
19IT112	PATEL TIRTH YASHVANTBHAI	Expense Manager App (Android)
19IT113	PATEL VEDANT BHAVENBHAI	Stock Price Predictor
19IT114	PATEL VIRAGKUMAR PRADEEPBHAI	Object Detection for Road Transport
19IT115	PATEL VISHRUTI JITENDRAKUMAR	Face Recognition System
19IT116	PATEL VRUNDKUMAR MAHESHBHAI	Settle Up (Android)
19IT117	PATVA VIRAJ KAMLESHBHAI	Medical ChatBot
19IT119	PRAJAPATI KAILASH RAJESHBHAI	Online Secondhand Hostel material Rent,Buying & Selling
19IT120	PRAJAPATI SAVANKUMAR RAJENDRAKUMAR	Online Secondhand Hostel material Rent,Buying & Selling
19IT121	PRAJAPATI VENIS VINODKUMAR	CHARUSAT CodeHub
19IT122	PUNJABI KRUTARTH SURESHBHAI	Stock Price Predictor
19IT123	RAJVADIYA DHARAM DINESHBHAI	Digit Recognition of English
19IT124	SAVALIYA SAVAN MUKUNDBHAI	Foliar Disease Classification in Apple Leaves
19IT125	SAVALIYA SUMIT ASHOKBHAI	Foliar Disease Classification in Apple Leaves
19IT126	SHAH AXAT DEVANGBHAI	Online Whiteboard
19IT127	SHAH AYUSH PRAGNESHKUMAR	Face Recognition System
19IT128	SHAH DHRUMILKUMAR JIGARKUMAR	Food management app
19IT129	SHAH DHRUVIL RAJABHAI	online voting app
19IT130	SHAH JHANVI SHAILESH	Handwriiten Digit Recognition
19IT131	SHAH KAVYA JIGNESH	University Placement Website
19IT132	SHAH KIRTAN VIRALKUMAR	University Placement Website
19IT133	SHAH POOJAN SWETANGBHAI	Website for kids for sound correlation
19IT134	SHAH RAJ MINTUKUMAR	Inventory management system
19IT135	SHEKH MOHAMMAD MAHIR MUNIRBHAI	Event Management System

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19IT136	SOJITRA VIYANSHI MUKESHBHAI	Xstream Fit Application
19IT137	SOLANKI ADITYASINH DIPAKKUMAR	Food management app
19IT138	SONAIYA DHAIRYA PARMANANDBHAI	Xstream Fit Application
19IT139	SONDAGAR DARSHAKKUMAR RAJESHBHAI	Gesture Control Using Arduino
19IT140	MALAV K SUKHADIA	Medical chatbot
19IT141	TANK PARIMAL KISHORBHAI	Object Measurment
19IT142	TARPARA VITAN BHASKARBHAI	Gesture Control Using Arduino
19IT143	TARSARIYA DARSHAN HARESHBHAI	Object Measurment
19IT144	TELI AYUSH NIKHILKUMAR	Tourist Guide Application
19IT145	THAKER KAUTILYA PARAG	online voting app
19IT146	THAKKAR MEET BHARATBHAI	Event Management System
19IT147	DARSHANKUMAR VANOL	Tourist Guide Application
19IT148	VAROTARIYA HARSH KHIMANANDBHAI	E waste management system
19IT149	VEKARIYA JAY NITESHBHAI	Face Recognition System
19IT150	VEKARIYA JEELKUMAR ARVINDBHAI	E waste management system
19IT151	VIRADIA HARSH CHANDULAL	Handwriiten Digit Recognition
19IT152	VIRADIYA RAJ ARVINDBHAI	Inventory management system

18IT001	AGHERA SHYAMKUMAR BHUPENDRAKUMAR	Building Serverless Web Application for Object detection using AWS
18IT002	AGRAWAL SUNNY SHAMBHUBHAI	Building Serverless Web Application for Object detection using AWS
18IT003	AJUDIYA JANVI HASMUKHBHAI	Online payment app using flutter
18IT004	AJUDIYA PRINCE BHIKHALAL	Deploy Cotton Disease Prediction using Deep learning & Flask
18IT005	AKRUVALA DEVANSH JITENDRA	Document scanner and Digital Locker app
18IT006	AMRE DARPAN KETAN	Hand Gestured vlc and smart CCTV using Machine learning
18IT007	AVAIYA PUJAN SURESHBHAI	Data Security using python
18IT008	NISARG BAKHAI	Origin - The warranty extender android app built using flutter
18IT009	BALDANIYA KRISHNA SURYAKANT	Plant Disease Prediction using Deep learning + Application
18IT010	BAVISHI YAGNIK GHANSHYAMBHAI	Deploy Cotton Disease Prediction using Deep learning & Flask
18IT012	BHATT BHOOMIBEN KIRITBHAI	ChatBot on aws for charusat admission inquiry

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18IT013	BHATT VRAJ DIPAK	Password Manager and Password Generator Mobile + Desktop Application.
18IT014	BHAVANI KRUTARTH MAHESHBHAI	Bike and Car Servicing App using flutter
18IT015	BHAVSAR ANJALIBEN CHETANKUMAR	ERP system for stock management using .net framework c#
18IT016	NANDISH BHAYANI	Origin - The warranty extender android app built using flutter
18IT017	BHIKADIYA MANTHAN VALJIBHAI	Plant Disease Prediction using Deep learning + Application
18IT018	BHIMANI KRUPA HITESHBHAI	ERP system for stock management using .net framework c#
18IT019	CHAPADIA VANDITABEN HANISHKUMAR	BLOG APPLICATION USING FLUTTER.
18IT020	CHAUHAN YASH MAHESHBHAI	Blockchain based supply chain app
18IT021	CHAVDA HARNISH BHARATBHAI	Bike and Car Servicing App using flutter
18IT022	CHUDASAMA RUSHI ANAND	Java Autograding Project
18IT023	CHUDGAR SHAIL CHIRAGBHAI	Password Manager and Password Generator Mobile + Desktop Application.
18IT024	DABHI VEDANTSINH VIJAYSINH	chat application with end to end encryption
18IT025	DADHANIYA DHAVAL GIRISHBHAI	Task Scheduling using cloud computing
18IT026	DALSANIA DHRUV PRAKASH	AWS based Drone
18IT027	DALWADI DHRUMIL RAJAN	Insurance Application
18IT028	DAMOR MANOJ RAMESHBHAI	Traffic Signs Recognition
18IT029	DARJI VATSAL VIRENBHAI	Phishing Tool
18IT030	DESAI DHYEY HARIHAR	application for workers like electrician, plumbers, labor etc
18IT031	DESAI PRIYANSH JAYESHBHAI	application for workers like electrician, plumbers, labor etc
18IT032	DHANWANI VISHWAS SUBHASH	Auto Grading Project
18IT033	GAJJAR NIDHI NIRAVBHAI	Create a Jenkins CICD Pipeline to Build a Docker Image with Splunk Integration
18IT034	GANDHI DHRUVAL RITESHKUMAR	Taxi ride sharing application
18IT035	GANDHI MEETI SUSHIL	speed checker for moving vehicles
18IT036	GANDHI NIDHISH DIPENBHAI	Voice assistance and object detection for blind people
18IT037	GOHIL RUSHABH NAVINCHANDRA	Stock Price prediction
18IT038	JANI DISHANK JITENDRA	Text Summarization using Transformer
18IT039	JAVIYA NIHAR JITESHBHAI	Medical insurance premium prediction
18IT040	JINDAL MUSKAN	Create a Jenkins CICD Pipeline to Build a Docker Image with Splunk Integration

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18IT041	JOSHI ABHISHEK DHARMESHBHAI	Evaluation based Attendance app
18IT042	JOSHI CHIRAYU AKSHAYBHAI	Encryption Based Secure Password Storage Vault
18IT043	KADIVAR NAND CHETANBHAI	Dairy product business platform
18IT044	KADIWALA JAYKUMAR MAHENDRAKUMAR	Expence tracker app
18IT045	KAGATHARA BINAL RAJNIKANT	Saree App(e-shop)
18IT046	KALATHIYA JENIL ASHWINBHAI	AWS based Drone
18IT047	KANANI ARPAN PRAVIN	Real Estate Price Prediction
18IT048	KHATRI MANSI KETANKUMAR	Voice assistance and object detection for blind people
18IT049	KHER BRIJESH DINESHBHAI	OBJECT DETECTOR USING AI
18IT051	KHOKHARIYA SMITKUMAR ISHVARBHAI	KISAN HUB Application
18IT052	LALWANI ADITYA	sketch to face Tranformation
18IT053	LO POOJA AMRUTBHAI	Book Rental
18IT055	MAKADIYA HAPPY SANJAYKUMAR	Food Ordering Full Stack Cloud Based Flutter Application using AWS
18IT056	MAKHIJA AVINASH GOVINDBHAI	Drone Using AWS Services and Alexa
18IT059	MANANI BHAKTIBEN RAMESHBHAI	Smart Door-Lock
18IT060	MANIYA DHRUVIT JAGDISHBHAI	Social Media application using react native
18IT062	MANVAR MEET PIYUSHBHAI	Drone Using AWS Services and Alexa
18IT063	MEHTA KETUL SANJAY	Drone Using AWS Services and Alexa
18IT065	MODI KAAVIYA RAKESH	Real Estate Price Prediction using Machine Learning
18IT066	MODI SARJAK KETANKUMAR	Employee Management System
18IT067	MONAPARA PARAS VIJAYBHAI	OBJECT DETECTOR USING AI
18IT068	MORADIYA VAIBHAV GHANSHYAMBHAI	KISAN HUB Application
18IT070	PAN RUTVI RAMESHBHAI	Text recognition from an image using android and ML
18IT071	PANCHAL KRUNAL SHAILESH	sketch to face Tranformation
18IT072	PANCHAL VAIDIKKUMAR BHUPESHKUMAR	Evolution of Biometrics and Future
18IT073	PANJWANI DHWANI MANISHKUMAR	Text recognition from an image using android and ML
18IT074	PAREKH DHWANI HIRENBHAI	Creating realtime emoji using face recognition and emotions recognition
18IT075	PARIKH PREET MAYANKKUMAR	Charusat Social Club - An Intercollege application for sharing, connecting, interacting for recognition and collaboration
18IT076	PARMAR RAJ KIRITBHAI	Food Ordering app for CHARUSAT campus

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18IT077	PARMAR RIDDHI ARVINDBHAI	Bank Note Authentication End To End With Dockers
18IT078	PATEL ARYAN DIPALBHAI	E-Crime Managment System
18IT079	PATEL DARSHANKUMAR ASHVINBHAI	Secured Medical Records Using Blockchain
18IT080	PATEL DARSHIL MITUL	Charusat Social Club - An Intercollege application for sharing, connecting, interacting for recognition and collaboration
18IT081	PATEL DARSHIL SANJAYKUMAR	WI-FI Jammer Using ESP8266
18IT082	PATEL DEVEN MANOJKUMAR	Bank application using block chain analysis
18IT083	PATEL DHRUVI HITESHBHAI	Cartoonify Image with Machine Learning
18IT084	PATEL DHRUVIL JIGNESH	Sport Ground Reservation App
18IT086	PATEL HARSHIL JAYESHBHAI	Sport Ground Reservation App
18IT087	PATEL HETVI VIPULKUMAR	Travel Guide
18IT088	PATEL JAYKUMAR SHAILESHBHAI	Secured Medical Records Using Blockchain
18IT089	PATEL KARAN KALPESHBHAI	Sign Language Interpreter using Machine Learning
18IT090	PATEL KRUPA JIGNESHKUMAR	Creating realtime emoji using face recognition and emotions recognition
18IT091	PATEL KRUSHIBEN ILESHBHAI	Travel Guide
18IT092	NEEL PATEL	Sign Language Interpreter using Machine Learning
18IT093	PATEL NIKUNJ DHANSUKHBHAI	Weather Prediction Using Machine Learning
18IT095	PATEL PAVAN JATINKUMAR	Bank application using block chain analysis
18IT096	PATEL PRINCE DINESHBHAI	E-Crime Managment System
18IT097	PATEL PRINCE UMESHBHAI	Weather Prediction Using Machine Learning
18IT098	PATEL RADHEY HITESHBHAI	Java Autograding
18IT099	PATEL RITIK HIMANSHU	Student Friendly Personal Assistant
18IT100	PATEL RIYABEN HITESHKUMAR	Market-Basket Analysis in ML
18IT101	PATEL RUSHI DHARMESHBHAI	Face Mask Detection
18IT102	PATEL RUTVIK BHARATBHAI	Student Friendly Personal Assistant
18IT103	PATEL SUJAY SURESHBHAI	Plant Disease Prediction & Get Cure App using Artificial Intelligence
18IT104	PATEL TAKSH HITESHKUMAR	Crowdfunding By Blockchain
18IT105	PATEL UMANGKUMAR JASHVANTBHAI	Plant Disease Prediction & Get Cure App using Artificial Intelligence
18IT106	PATEL YASH ALPESHBHAI	Face Mask Detection
18IT107	PATEL YASH JIGNESH	Traffic Signs Recognition
18IT109	RADADIYA DARSHAK BHUPATBHAI	Image caption generator using ML Algorithms

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18IT110	RELIA MAHARSHI CHETAN	Smart Lock & Mobile Application for Electric Bicycle
18IT111	SABHAYA HARSH CHANDRESHBHAI	Java Autograding
18IT112	SAHSANI YASH MAHESH	insurance app using hyperledger fabric
18IT113	SATHALIYA KHUZEMA NURUDDIN	Traffic Signs Recognition
18IT114	SAVAJ BRIJESH KAMLESHBHAI	TextileApp - Mobile App for Textile Business
18IT115	SAVALIYA AMI RAMESHBHAI	Market-Basket Analysis in ML
18IT116	SHAH ARCHI HIREN	Road Lane Line Detection using Artificial Intelligence
18IT117	DEEP SHAH	TextileApp - Mobile App for Textile Business
18IT118	DEVARSH SHAH	Food delivery App using Cloud Kitchen Concept
18IT119	SHAH DHRUV MITESHBHAI	Smart Lock & Mobile Application for Electric Bicycle
18IT120	SHAH JIMIT PRAGNESH	Food delivery App using Cloud Kitchen Concept
18IT121	KAJAL SHAH	GUI Manipulation using gesture
18IT122	SHAH MEET ROOPENKUMAR	School Suppliers hub - A mobile app for needy students
18IT124	SHAH NEEL HETALKUMAR	Human emotion detection system
18IT125	SHAH PRACHI KALPESHBHAI	Tutor app using flutter
18IT126	SHAH SHREYANSHI JATIN	Analysis and corelation between geography and air pollution using predivtictive model
18IT127	SHAH TARAKKUMAR NARENDRAKUMAR	Stock Price Prediction using SVM and LSTM algorithm
18IT128	TRUSHA NIPUL SHAH	java autograding system using Junit
18IT129	SOLANKI KAMLESHKUMAR RAVJIBHAI	Credit card fraud detection using ML
18IT130	SOLANKI YASH SHASHIKANT	Handwritten Character recognition using ML
18IT131	SONAVNI VARUN AJAYBHAI	Size Runner 2, game.
18IT132	SUVARIYA MEET BHARATBHAI	ERP system for society management using ASP.NET(framework) and C#
18IT133	THAKKAR JAYATI ANILKUMAR	java autograding system using Junit
18IT134	THAKKAR KRUNAL BALKRISHNA	human emotion detection system
18IT135	THAKKAR VEDANG DILIPBHAI	Student Attendance system using Django Framework with a linear SVM
18IT136	THAKOR DHRUV SURSINH	Amazon type clone using MERN Stack Development
18IT137	TRADA ASHISHKUMAR KISHORBHAI	recommendation system using ML and python
18IT138	VACHHANI KATHA DILIPKUMAR	Flower Recognition
18IT139	VAGHASIYA FENIL SURESHBHAI	Video Transcoding Using AWS
18IT140	VAGHELA LAGDHIRSINH MAHENDRASINH	Voice Assistant Using Python
18IT141	VAGHELA RADHIKA AMRATBHAI	online shopping application

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18IT142	VAISHNANI PRASHIL DALPATBHAI	blockchain:evaluation of commercial system
18IT143	VASANI KRUSHI DEVENDRABHAI	Video Transcoding Using AWS
18IT144	VASANI RUSHABH BIPINBHAI	Serverless GST mismatch analyzer using Azure Functions
18IT146	VYAS MEET NILESHBHAI	Voice Assistant Using Python
D19IT147	THAKKAR PARTHIV HAREN	Food Delivery Application
D19IT148	SAKHIYA KEVIN MUKESHBHAI	Employee Ease
D19IT149	VYAS NILAY KEYURKUMAR	Fake News Detection App
D19IT150	MISHRA KUNAL ANILKUMAR	E-commerce android application
D19IT151	PATEL DHRU MANISHKUMAR	watering app for farmers
D19IT152	PATEL VAIBHAV DEEPAK	Private club's event booking (Dynamic Website)
D19IT153	GHUNJARIYA ABHISHEK HARESHBHAI	Employee Ease
D19IT154	PATEL DHARA VISHNUBHAI	Patel's Furniture (website)
D19IT155	CHAUDHARY DARSHIL YOGESHBHAI	Desktop Voice Assistant
D19IT156	SHAH SHIVANI JITENDRAKUMAR	Desktop Voice Assistant
D19IT157	PATEL MIHIR PANKAJBHAI	Private club's event booking (Dynamic Website)
D19IT159	PUROHIT DARSHAN RAKESHBHAI	watering app for farmers
D19IT160	PUROHIT SHIVAM DIPESHKUMAR	Music Player App
D19IT161	SHETH AAKASH KETANBHAI	Video Streaming Application

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Selected Project for Round 2

1	Social Distancing(Covid'19 based application)	19IT001,19IT002	AKBARI JAY JAYNTIBHAI,AMADAVADI PRAGNENKUMAR MINISHBHAI
2	Crypt-It	19IT010,19IT020	BHATTI MAYUR AJAYBHAI,CARPENTER KHUSHI AMBERISH
3	PhotoCode : A Cross platform Code Editor which fetches handwritten code from paper	19IT013,19IT015	BHEDA RAJ SNEHAL,BHUVA PINAK MITESHKUMAR
4	Indian Sign Language Detection and speech conversion	19IT031, 19IT032,19IT037	DESAI AMAN HARISHKUMAR, DESAI MANSI JAGDISHKUMAR, GANDHI HARDIK MEHULKUMAR
5	Musically Mine (Dating application based on music taste)	19IT025, 19IT038	CHAUHAN RUDRA PRAMODBHAI,GANDHI SHRUTI PARESH
6	identification of dieases from pathology report	19IT029, 19IT036	DARJI UTSAVKUMAR HASMUKHKUMAR, GAJERA RAJKUMAR CHANDULAL
7	Vacation place recommendation using Twitter trends	19IT028, 19IT039	DADHANIYA RAJ DILIPBHAI, GHADIYA AYUSH HARESH
8	Weather forecasting	19IT045	Megha Goriya
9	Portfolio Managment	19IT058	Radhni Tejas
10	ReadReactReview	19IT073,19IT077	NAVADIA SHREY ASHVIN, PARIKH KHUSHI SANDIPBHAI
11	Collage Extension For Charusat	19IT070.19IT081	NAGAR DHRUVKUMAR DINESHKUMAR, PARVADIYA RAVIKUMAR VINODBHAI
12	Mobile App for Tiffin Service Provider	19IT098, 19IT103	Manan Patel, Hirak Patel
13	Krushi Bazar (Online Crop Selling Platform)	19IT095,19IT098	Dhruv Patel, Charmi Patel
14	Bus Booking App	19IT087	Breeze Patel
15	On-Board	19IT126	SHAH AXAT DEVANGBHAI
16	Medical ChatBot	19IT117, 19IT140	PATVA VIRAJ KAMLESHBHAI, MALAV K SUKHADIA
18	Website for kids for sound correlation	19IT133	SHAH POOJAN SWETANGBHAI

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19	Crypt-It	19IT010,19IT020	BHATTI MAYUR AJAYBHAI,CARPENTER KHUSHI AMBERISH
20	PhotoCode : A Cross platform Code Editor which fetches handwritten code from paper	19IT013,19IT015	BHEDA RAJ SNEHAL,BHUVA PINAK MITESHKUMAR
21	Plant Disease Prediction using Deep learning + Application	18IT009, 18IT017	BALDANIYA KRISHNA SURYAKANT,BHIKADIYA MANTHAN VALJIBHAI
22	ChatBot on aws for charusat admission inquiry	18IT012	BHATT BHOOMIBEN KIRITBHAI
23	Bike and Car Servicing App using flutter	18IT021, 18IT014	CHAVDA HARNISH BHARATBHAI,BHAVANI KRUTARTH MAHESHBHAI
24	kids vaccination application	18IT033	GANDHI MEETI SUSHIL
25	Android application for Labours	18IT030, 18IT031	DESAI DHYEY HARIHAR, DESAI PRIYANSH JAYESHBHAI
26	Dairy product business platform	18IT043	KADIVAR NAND CHETANBHAI
27	Vision Helper for visually impaired people application	18IT036,18IT048	GANDHI NIDHISH DIPENBHAI, KHATRI MANSI KETANKUMAR
28	Campus Jam Application	18IT060	MANIYA DHRUVIT JAGDISHBHAI
29	Food Ordering Full Stack Cloud Based Flutter Application using AWS	18IT055	MAKADIYA HAPPY SANJAYKUMAR
30	Coding test cases evaluation platform	18IT050	KHETAN AADITYA SUDHAKAR
31	Text Recognition from an image using android and ML	18IT073 & 18IT070	PANJWANI DHWANI MANISHKUMAR & PAN RUTVI RAMESHBHAI
32	Charusat Social Club - An Intercollege application for sharing, connecting, interacting for recognition and collaboration	18IT075 & 18IT080	PARIKH PREET MAYANKKUMAR & PATEL DARSHIL MITUL
33	Creating emoji using face recognition and emotions recognition	18IT074 & 18IT090	PAREKH DHWANI HIRENBHAI & PATEL KRUPA JIGNESHKUMAR
34	Sign Language Interpreter using Machine Learning	18IT092 & 18IT089	NEEL PATEL & PATEL KARAN KALPESHBHAI
35	E-bicycle Ride application	18IT110 & 18IT119	RELIA MAHARSHI CHETAN, SHAH DHRUV MITESHBHAI

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36	An automated and Serverless GST reconciliation system	18IT144	VASANI RUSHABH BIPINBHAI
37	Size Runner 2 Game.	18IT131	SONAVNI VARUN AJAYBHAI
38	CodeHat- An Auto grading Web Application	18IT128,18IT133	TRUSHA NIPUL SHAH, THAKKAR JAYATI ANILKUMAR
39	Private club's event booking Website	D19IT152, D19IT157	Vaibhav D. Patel, Mihir Patel

Round 3 Project List

Sr No	Project Name	Student Roll no	Students
1	Krushi Bazar (Online Crop Selling Platform)	19IT095, 19IT088	Dhruv Patel, Charmi Patel
2	On-Board	19IT126	SHAH AXAT DEVANGBHAI
3	Indian Sign Language Detection and speech conversion	19IT031, 19IT032, 19IT037	DESAI AMAN HARISHKUMAR, DESAI MANSI JAGDISHKUMAR, GANDHI HARDIK MEHULKUMAR
4	Musically Mine (Dating application based on music taste)	19IT025, 19IT038	CHAUHAN RUDRA PRAMODBHAI,GANDHI SHRUTI PARESH
5	Vacation place recommendation using Twitter trends	19IT028, 19IT039	DADHANIYA RAJ DILIPBHAI, GHADIYA AYUSH HARESH
6	ReadReactReview	19IT073, 19IT077	NAVADIA SHREY ASHVIN, PARIKH KHUSHI SANDIPBHAI
7	Bus Booking App	19IT087	Breeze Patel
8	Bike and Car Servicing App using flutter	18IT021, 18IT014	CHAVDA HARNISH BHARATBHAI,BHAVANI KRUTARTH MAHESHBHAI
9	Android application for Labours	18IT030, 18IT031	DESAI DHYEY HARIHAR, DESAI PRIYANSH JAYESHBHAI
10	Plant Disease Prediction using Deep learning + Application	18IT009, 18IT017	BALDANIYA KRISHNA SURYAKANT,BHIKADIYA MANTHAN VALJIBHAI
11	Dairy product business platform	18IT043	KADIVAR NAND CHETANBHAI
12	E-bicycle Ride application	18IT110 &	RELIA MAHARSHI CHETAN, SHAH DHRUV MITESHBHAI

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		18IT119	
13	kids vaccination application	18IT035	GANDHI MEETI SUSHIL
14	An automated and Serverless GST reconciliation system	18IT144	VASANI RUSHABH BIPINBHAI

Winner of Competition

1st Place winner: An automated and Serverless GST reconciliation system
By VASANI RUSHABH BIPINBHAI (18IT144)
Mentor: Prof. Nishat A Shaikh

2nd Place Winner: On-Board
By SHAH AXAT DEVANGBHAI (19IT126)
Mentor: Prof. Pritesh P Prajapati

3rd Place Winner-1: E-bicycle Ride application
By: RELIA MAHARSHI CHETAN(18IT110) &
SHAH DHRUV MITESHBHAI(18IT119)
Mentor: Prof. Sandip Patel

3rd Place Winner-2: Plant Disease Prediction using Deep learning
By: BALDANIYA KRISHNA SURYAKANT(18IT009) &
BHIKADIYA MANTHAN VALJIBHAI (18IT017)
Mentor: Prof. Mikin R Patel

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