

## Department of Aeronautical Engineering

### Slow and fast learners -Action taken report

For subsequent semester/year of studies, to start identification of slow and advanced learner process following inputs is needed

- Preceding examination overall result
- Class test result
- Class observation by subject teacher

1. Assessment of the learning levels of the students:

- Slow learner and advanced learners would be identified for each subject separately by respective subject teacher for all the semesters.
- Process to identify of slow learners and advanced learners would be conducted immediately after declaration of preceding semester end exam result or after first MSE.
- Slow and advanced learners are identified based on following parameters and their weightage

Sl.No	Parameter	Weightage in percentage
1	Marks obtained by student by class test conducted for respective subject	50%
2	Academic performance of students in previous SEE	25%
3	Subject teacher observation	25%

Based on above parameter a report would be prepared for whole class for total 100%.

- The student securing marks below 40% would be identified as Slow Learners and the student securing marks above 70 % would be identified as Advanced Learners.
- After that separate list are prepared for both type of learners for further monitoring and conduction of problem solving sessions /revision sessions for them

### Activities for slow learners:

- Special Coaching class for slow learners.
- Providing handwritten notes for easy understanding.
- Giving counseling for slow learners.
- Group study methodology.
- Giving additional learning materials like question bank, university question papers etc.

### Activities for advanced learners:

- They are motivated to participate in various technical events online courses like coursera, NPTEL, value added course etc, which are held both within and outside the institution
- Encourage to participate in research activities going on in department and college level
- Involving them to do online certification programmes.
- Taking up competitive exam training programmes such as GATE, IELTS, GRE, German Language course etc.,

**For slow learners remedial classes are arranged**

### Students identified as slow learners

Semester: 03 Subject : Aero Engineering Thermodynamics
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Semester : 05 Subject : Aircraft Structures II
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Semester : 07 Subject : Aircraft Stability & Control
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No	Name	USN No
1	SYED SAFFAN	1NT18AE053
2	STELLA P	1NT17AE059
3	SHIVASHANKAR PRASAD M V	1NT17AE409
4	PRASHANT	1NT17AE046
5	SWAMYRAJ RAHUL BHISE	1NT18AE052
6	AHMED SUFYAN SHAFIQ HOSUR	1NT18AE002
7	SYED TAMEEM KASHIF	1NT18AE054
8	SHASHANK M G	1NT19AE405
9	DAIVANVESH SARATHY G	1NT18AE012
10	LALIT KUMAR SHAH	1NT18AE065
11	TUSHAR GATTI A	1NT18AE411
12	PRAVEET DANIEL K	1NT18AE407
13	KRIJAN THAPA	1NT18AE064
14	PADMASHALI VAIBHAV MURALIDHAR	1NT19AE402

No	Name	USN No
1	PAVANKUMAR N	1NT17AE043
2	GIRISH V	1NT18AE405
3	ASHIQ RASHEED	1NT16AE003
4	JOEL THOMAS MATHEW	1NT16AE056
5	AASHWIJ S	1NT17AE001
6	ABHISHEK MOHAPATRA	1NT17AE002
7	B M SHREYAS	1NT17AE006
8	BANALA JASWANTH SIMHA	1NT17AE007
9	NITHISH KUMAR G	1NT17AE014
10	HANITH KM	1NT17AE018
11	VITTORIO RAJ RAUT	1NT17AE070
12	MOHAMMED ABDUL WADOOD	1NT17AE037
13	CHANDAN B M	1NT18AE404
14	SOURABH BHARAT MUGADUR	1NT17AE057
15	NANDINI H	1NT18AE406
16	S PRANAM	1NT18AE409

No	Name	USN No
1	Subrata Paul	1NT15AE405
2	Salman Shahed	1NT15AE404
3	Sanjay Adappa A	1NT17AE408
4	Rahul Kiran	1NT16AE406
5	Sheetal B Shete	1NT15AE053
6	Aditya Nandan	1NT14AE004
7	Swapnil Sirdeshpande	1NT16AE046
8	Prabhu R	1NT17AE404
9	Brunda M	1NT17AE401
10	Dhanush D R	1NT16AE053
11	Manoj Kumar	1NT16AE025
12	M Lisha	1NT17AE402
13	Jnanesh Bantwal Kamath	1NT16AE018
14	Teyjas Thalekar S	1NT16AE047
15	Vishal S	1NT16AE050
16	Shaurya Gupta	1NT16AE040

Semester : 04  
Subject : Aerodynamics I

Semester: 06  
Subject : Advance Propulsion

No	Name	USN No
1	SYED SAFFAN	1NT18AE053
2	STELLA P	1NT17AE059
3	SHIVASHANKAR PRASAD M V	1NT17AE409
4	PRASHANT	1NT17AE046
5	SWAMYRAJ RAHUL BHISE	1NT18AE052
6	AHMED SUFYAN SHAFIQ HOSUR	1NT18AE002
7	SYED TAMEEM KASHIF	1NT18AE054
8	SHASHANK M G	1NT19AE405
9	DAIVANVESH SARATHY G	1NT18AE012
10	LALIT KUMAR SHAH	1NT18AE065
11	TUSHAR GATTI A	1NT18AE411
12	PRAVEET DANIEL K	1NT18AE407
13	KRIJAN THAPA	1NT18AE064
14	PADMASHALI VAIBHAV MURALIDHAR	1NT19AE402

No	Name	USN No
1	PAVANKUMAR N	1NT17AE043
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5	AASHWIJ S	1NT17AE001
6	ABHISHEK MOHAPATRA	1NT17AE002
7	B M SHREYAS	1NT17AE006
8	BANALA JASWANTH SIMHA	1NT17AE007
9	NITHISH KUMAR G	1NT17AE014
10	HANITH KM	1NT17AE018
11	VITTORIO RAJ RAUT	1NT17AE070
12	MOHAMMED ABDUL WADOOD	1NT17AE037
13	CHANDAN B M	1NT18AE404
14	SOURABH BHARAT MUGADUR	1NT17AE057
15	NANDINI H	1NT18AE406
16	S PRANAM	1NT18AE409

### Time table for remedial classes

**3<sup>rd</sup> Semester**

Day / Period				Tutorials class			Tutorials classes
Monday					Break		03:30 PM - 04:30 PM
Tuesday							
Wednesday							03:30 PM - 04:30 PM
Thursday							
Friday							
Saturday				11:55 AM - 12:55 PM			

**5<sup>th</sup> Semester**

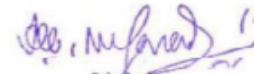
Day / Period				Tutorials classes			Tutorials classes
Monday					Break		
Tuesday							
Wednesday							
Thursday							1:30 PM - 2:30 PM
Friday							
Saturday				10:55 AM - 12:55 PM			

**7<sup>th</sup> Semester**

Day / Period							Tutorials classes
Monday					Break		
Tuesday							
Wednesday							
Thursday							
Friday							1:30 PM - 4:30 PM
Saturday							

  
Time Table coordinator

  
Prof & HoD

  
Principal



## For fast learners GATE coaching classes are arranged

### NMIT AERO ON CAMPUS GATE COACHING 3RD - YEAR STUDENTS ATTENDANCE SHEET

DATE :	09/01/2020	TIMINGS : 9:15 AM - 12:45 PM	TRAINING INSTITUTE : GOODWILL GATE2IIT, Bangalore			
TRAINER NAME : SANTOSH		TOPICS: Flight Mechanics : Performance + Stability				
Sl. No	Student Name	USN	Sem	Email IDs	Mobile No	Signature
1	Shashank M	1NT17AE054	6	shashankm680@gmail.com	9535150386	AB
2	Yashas Y	1NT17AE071	6	raj.yashas@gmail.com	8660835534	AB
3	S. Thankappara	1NT17AE052	6	thankappara@gmail.com	8971707248	AB
4	Charan Kumar D	1NT17AE009	6	charan1307@gmail.com	8762670244	AB
5	Vinay Balobal	1NT17AE069	6	vinaybalobal@gmail.com	9740477635	AB
6	Banu Prakash Reddy M	1NT18AE402	6	banuprakashreddy1@gmail.com	9731713784	AB
7	Sushmitha Rao B	1NT17AE063	6	sushmithagudia46@gmail.com	8296599545	Reshma Red Reshma
8	Reshma CK	1NT17AE050	6	kubsad.v@gmail.com	9739903063	Gouthami T S
9	Gouthami T S	1NT17AE016	6	gouthamigowda29@gmail.com	9591642984	AB
10	Tarun Jain	1NT17AE064	6	tarunjain0404@gmail.com	8527615968	AB
11	MHD Abdul Wadood	1NT17AE037	6	wadoodrox@gmail.com	9483966663	AB
12	Sumithra M	1NT17AE061	6	m.sumithra2014.23@gmail.com	8867268502	Sumithra M
13	G Meghana	1NT17AE015	6	gvmgarishapati@gmail.com	8762174263	AB
14	Aashwiji S	1NT17AE001	6	aashwiji18@gmail.com	9483896547	AB
15	Rakshith M	1NT17AE049	6	rakshithmanjunaath@gmail.com	9741207170	AB
16	Suraj SD	1NT17AE062	6	surajdhavaleshwar007@gmail.com	9686094217	AB
17	Sanketh	1NT17AE053	6	sanketb145@gmail.com	7353232717	AB
18	Kunal	1NT17AE033	6	kunalchoudhary524@gmail.com	7349741900	AB
19	Jyotirmoyee Panda	1NT17AE025	6	vyotirmoyee17panda@gmail.com	9741800774	AB
20	Godwin N	1NT17AE005	6	godwinnickilson@gmail.com	9901590603	AB
21	Pavithra Desu	1NT17AE011	6	pavithradesu777@gmail.com	8074678677	AB
22	Jitendra Saini	1NT17AE024	6	sainijitendra962@gmail.com	9620268440	AB

### NMIT AERO ON CAMPUS GATE COACHING 4TH - YEAR STUDENTS ATTENDANCE SHEET

DATE :	09/01/2020	TIMINGS : 9:15 AM - 12:45 PM	TRAINING INSTITUTE : GOODWILL GATE2IIT, Bangalore			
TRAINER NAME : SANTOSH		TOPICS: Flight Mechanics : Performance + Stability				
Sl. No	Student Name	USN	Sem	Email IDs	Mobile No's	Signature
1	Shruthi	1NT16AE041	8	shruthi7siva@gmail.com	9538474518	AB
2	Guruprasad S	1NT16AE012	8	guru112358@gmail.com	7026370067	AB
3	Dhanalakshmi P	1NT16AE010	8	anjaliadhanlakshmi@gmail.com	8971984048	AB
4	Mahashana	1NT16AE024	8	mahashana63@gmail.com	9497137146	AB
5	Vineet Bhat	1NT16AE049	8	vineeth.carbonex@gmail.com	7019836601	AB
6	Hemanth KG	1NT16AE014	8	hemanth.kohli25@gmail.com	9481088948	AB
7	Chanabasappa	1NT16AE007	8	csgadagi8@gmail.com	9164038942	AB
8	Srinivasa G	1NT16AE044	8	srinivasbharatha007@gmail.com	8792246879	AB
9	Saumya Sinha	1NT16AE038	8	saumyas102504@gmail.com	9611370607	AB
10	N Jatin	1NT16AE028	8	njatin2004@gmail.com	9066687476	AB
11	Pavan Kumar SV	1NT16AE059	8	pavankumarsv22369@gmail.com	8892822369	AB
12	Shaloy Lewis	1NT16AE055	8	shaloylewis1998@gmail.com	7353667140	AB
13	Kiran Kumar	1NT16AE021	8	kiran2709@gmail.com	8296187470	AB
14	Susan Basnet	1NT16AE065	8	susanbasnet1999@gmail.com	9008275602	AB
15	Suresh Gupta	1NT16AE064	8	soorace.gupta.733076@gmail.com	9663168656	AB
16	Rishav Rauniyar	1NT16AE062	8	rishavrauniyar177@gmail.com	8971984783	AB
17	Rushiketu	1NT16AE063	8	badardinnir@gmail.com	8971717175	AB
18	DeepaLakshmi V	1NT16AE009	8	deepalakshmi20@gmail.com	8123781297	AB
19	Sanjay Adappa A	1NT17AE408	8	sanjayadappa1997@gmail.com	8762523380	AB
20	Punith Seena M	1NT17AE405	8	seenapuni100@gmail.com	9071128029	AB
21	Yogesh Shankar R P	1NT16AE052	8	yogeshshankar003rp@gmail.com	7204232178	AB
22	Rohit Mehta	1NT16AE036	8	mehtarohit99@gmail.com	9036672039	AB
23	Harshith JN	1NT16AE013	8	harshithjngowda@gmail.com	7022635144	AB
24	V Krishna Chaitanya	1NT16AE022	8	chaitanya.v2016@gmail.com	7996689543	AB
25	Parvathi KK	1NT17AE403	8	parvathi14021997@gmail.com	9148162435	AB
26	Shashank S	1NT16AE039	8	shashank.saras08@gmail.com	7406363814	AB
27	Kareema Khatoon	1NT16AE019	8	kareemakhan102678@gmail.com	7406440425	AB
28	Ashwini ST	1NT17AE400	8	ashind.ddk@gmail.com	8197892573	AB
29	Dinesh A Badaskar	1NT15AE016	8	dineshbadaskar@gmail.com	9480403529	AB



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## DEPARTMENT OF MECHANICAL ENGINEERING

### STUDENT-CENTRIC ACTIVITIES REPORT

*Student-centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences*

#### **Response:**

NMIT believes in the adoption of students centric methods to enhance student involvement as a part of participative learning and problem-solving methodology. Role Plays, Team works, Debates, Seminar Quizzes and case studies Specifically Students centric Teaching Methods are reflected in project work, Field visits, Industrial visits & guest lectures.

Specifically, the student's centric methodology include

#### **1. Experiential Learning**

- a) **Project work:** Project work is organized in two phases 1) Mini project and 2) Major Projects this is an essential element of each programme
- b) Internship or Field Projects in industry

#### **2. Participation in competition at various level**

- For Real-time exposure, students are encouraged to participate at National and International Level

#### **3. Field Visits**

- Faculty identifies and propose Academically significant Field visits and Surveys

#### **4. Industrial Visits**

- Departments Plan and Organize industrial visits for students to provide exposure to industrial work culture.

#### **5. Guest Lecture**

- Guest lectures by eminent experts from industry and academics from across the world are organized to supplement the teaching process and provide experiential learning.

### ACTIVITIES

Sl. No.	Faculty Name	Name of the Course	Event	Date	Course Code	List of Topics covered
1	Dr Pradeep V Badiger	Measurements and Metrology	Guest lecture	6/5/2021	18MEG42	Industrial Importance Of Metrology And Measurements
2	Vikram Kedambadi Vasu	Digital Manufacturing	Seminar	6/7/2021	17MEE834	Augmented reality (AR) is an interactive experience of a real-world environment where the objects that reside in the real world are enhanced by computer-generated perceptual information, sometimes across multiple sensory modalities, including visual, auditory, haptic, somatosensory and olfactory...
3	Kiran Aithal S	Energy Environment and Sustainability	Guest lecture	5/5/2021	17ME81	Sustainable development of water, energy and waste management, Sustainable technology systems-a road map for sustainable development
4	Dr. Ramesh Babu N	Mechanical Vibrations	Workshop	7/24/2020	17ME63	Virtual lab (Natural frequency of Simple Pendulum, compound pendulum, Spring Mass system, Single rotor system, Two Rotor system, Critical speed of shafts etc)
5	Dr. Sriram Mukunda	Automotive Powertrain	Guest lecture	5/17/2021	18MEE461	(1) IC engine construction (2) sus-systems of an automobile (3) working of an engine management system (4) Functioning of the fuel supply system
6	Dr. Sriram Mukunda	Automotive Powertrain	Guest lecture	6/30/2021	18MEE461	The main topics that were covered in the presentation were (1) concept creation and selection (2) vehicle design and development

						(3) homologation and certification (4) production and allied processes.
7	Dr. Shiv Pratap Singh Yadav	Lean Manufacturing And Lean Enterprise	Guest lecture	4/3/2021	18MEH63	Lean And Process Approach
8	Dr. Shiv Pratap Singh Yadav	Industrial Importance Of Metrology And Measurements	Guest lecture	6/5/2021	18MEG42	Concept Of Measurement
9	Dr. Shiv Pratap Singh Yadav	Project Management/Finance And Accounting And Industrial Engineering	Guest lecture	6/19/2021	18MEH63	21st Century Competency Skills
10	Dr. Shiv Pratap Singh Yadav	Metrology And Measurements	Guest lecture	5/10/2021	18MEG42	Layer Composites For Brakes
11	Dr. Shiv Pratap Singh Yadav	Project Management/Finance And Accounting And Industrial Engineering	Guest lecture	6/4/2021	18MEH63	Project Management Using Six Sigma Approach
12	Dr. Shiv Pratap Singh Yadav	Metrology And Measurements	Guest lecture	6/26/2021	18MEG42	Helicopter Technology
13	Mahadeva Prasad	Farm Engineering	Guest lecture	5/22/2021	17MEE836	Device for cleaning, Grading, milling, and storage of farm produce
14	Chetan S	Industrial Hydraulics & Pneumatics	Guest lecture	12/5/2021	18ME62	Pascal Law, Continuity equations, Gas Laws, Pneumatic System Elements-Cylinders, Pump, Control Valves including Servo Valves, Compressors, Symbols, Hydraulic System Powerpack. Applications of Hydraulics & Pneumatics Examples



15	Chetan S	Pascal Law, Continuity equations, Gas Laws, Pneumatic System	Guest lecture	8/7/2021	18ME62	Introduction to PLC, Principles of Operation; Various Parts of a PLC: CPU & programmer/monitors; PLC input & output modules; I/O modules; power supplies. PLC advantage & disadvantage; PLC versus Computers
16	Chetan S	EMBEDDED Systems and Its Application	Guest lecture	9/7/2021	18ME62	Basic Elements of a Microprocessor: CPU, ALU, Memory, I/O Ports, Bus, Read & Write Cycle. Overview of Architecture of 8085 Microprocessor, Timing & Control Units.

## DEPARTMENT OF MECHANICAL ENGINEERING

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SKILL & EMPLOYABILITY  
PERSPECTIVE

# Topic: Industrial Importance of Metrology And Measurements



**Speaker:**  
Mr.P.Harish

Piston Quality Head  
Federal mogul Goetze  
india Ltd.



05/06/2021(Saturday)



02.30 PM onwards

[CLICK HERE FOR  
REGISTRATION](#)



Organised by:, Dr. P. V. Badiger, Mr. Shiv Patap, Dr. Sriram Mukunda



## DEPARTMENT OF MECHANICAL ENGINEERING

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SKILL & EMPLOYABILITY  
PERSPECTIVE

## Topic: 21<sup>ST</sup> CENTURY COMPETENCY SKILLS



**Speaker:**  
Ms.Kavita Dummu  
Regional Training Head  
Bada Business Pvt.Ltd.



19/06/2021(Saturday)



02.30 PM onwards



[CLICK HERE FOR  
REGISTRATION](#)

Organised by:, Mr. Shiv Patap, Mr. Avinash L, Dr .Vijay Kumar S, Mr. Praveena B A, Dr.AbdulrajakBuradi



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## DEPARTMENT OF MECHANICAL ENGINEERING

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**SKILL & EMPLOYABILITY  
PERSPECTIVE**

## Topic: Energy, Environment and Sustainability



**Speaker:**

**Sri. D.R. Kumaraswamy**

Former Member Secretary and  
Head of Laboratories  
Karnataka State Pollution Control  
Board, Bengaluru



05/05/2021 (Wednesday)



12.00 Noon



[CLICK HERE FOR  
REGISTRATION](#)

Organized by: Dr Kiran Aithal, Dr Chethan K S, & Mr Manjunath H N



**E-mail: [drks.2859@gmail.com](mailto:drks.2859@gmail.com)**



## **Bio Data**

Sri. D.R. Kumaraswamy born on 02-08-1959 at Shivmogga, Shivmogga District, Karnataka, He graduated (B.E.Civil) at Davangere from GBDT College of Engineering, Mysore university in 1983 with first class with distinction. He completed his Master Degree (Environmental Engineering) from BVM College of Engineering, V.V. Nagar, Anand, Gujarat State.

He joined the Karnataka State Pollution Control Board during 1984 as Assistant Engineer. Board sent him West Germany during 1986-87 for “Advanced Professional Training” during his Training he visited important cities in West- Germany. And he also visited UK, France and Luxem burcountries.

During 2011-12 he visited Singapore to study on E-waste Recycling.

During 2012-13 he visited China to attend Electronic Recycling Asia and also visited Macaw, Hang Kong, Malaysia to study on Waste to Energy and Municipal Solid Waste disposal facility.

During 2013-14 he visited Germany, Austria, France, Switzerland and Dubai to study about the recycling of E-waste, Hazardous Waste, Municipal Solid Waste etc., also about the reuse of Plastic Waste as a fuel in Steel Mills.

During 2017-18 he visited USA study on recycling of sewage.

During 2019, he also went for Study tour to France, Sweden, Holland, Switzerland, Italy and Dubai.

He already published 12 Books in simple Local language Kannada and distributed about 12,000 Books to School Students and Industries without any cost.

He also published 3 Nos of Spiritual Books and 5 Nos of Spiritual CD's and Donated to Asharm.

He held the number of position in the **Pollution Control Board like Member Secretary, Chief Environmental Officer, Administrative Officer, Legal Officer, Public Relation Officer & Head of the Central Laboratory.** and worked almost all the district of the street.

**He is also an External Examiner for Visveswaraiah Technological University Engineering College.**

**Presently he is Retired Senior Environmental Officer Enviro care cell Head office, and SEO Bangalore North office, Bangalore.**

He has received number of awards from Local organizations

- (i) "ParisaraRatna" during 2005 from NehruRastriaParisaraSamste(R).
- (ii) "SwarnaBhushana" during 2006 from Karnataka PraghatiparaPrathistana
- (iii) "Karnataka SevaPuraskara" during 2007 from Karnataka PraghatiparaPrathistana(R).
- (iv) "Best Environmental officer" during 2018 from Rotary club and Lions club,Bengaluru

And He has completed his 35 years of service in Karnataka State Pollution Control Board.

## DEPARTMENT OF MECHANICAL ENGINEERING

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**SKILL & EMPLOYABILITY  
PERSPECTIVE**

# Topic: Sustainable development of water, Energy and Waste management system



**Speaker:**

**Dr. LOKESHWARI. M.**

Associate Professor and  
NSS officer

Department of Civil Engg,  
R V College of Engineering  
Bangalore-560 059



11/05/2021 (Tuesday)



12.00 Noon



**MS Teams – 8<sup>th</sup> Sem  
Seminar/Webinar/Meeting**

Organized by: Dr Kiran Aithal, Dr Chethan K S, & Mr Manjunath H N



Name: **Dr. LOKESHWARI. M.**  
 Address: Associate Professor and  
 NSS officer  
 Department of Civil Engg,  
 R V College of Engineering  
 Bangalore-560 059  
 ☎ : 9741214628(M)  
 e-mail:lokeshwarim@rvce.edu.in  
 e-mail:[eshwarienv08@gmail.com](mailto:eshwarienv08@gmail.com)

Scopus Author ID - 36717811400

<https://www.scopus.com/authid/36717811400>

ORCID ID

<https://orcid.org/0000-0001-6732-2221>

Google scholar ID: gfhN1-0AAAAJ

<https://scholar.google.co.in/citations?user=gfhN1-0AAAAJ&hl=en>

Web of science Researcher ID: Q-2502-2016

Thomson Reuters

<http://www.researcherid.com/rid/Q-2502-2016>

Microsoft academic researcher ID : 2903844078

<https://academic.microsoft.com/author/2903844078/publication>



### ACADEMIC PROFILE - Abstract

Name : Lokeshwari M

Date of Birth : 15:01:1981

Educational Qualification:	University	Year of passing	Result
<b>Ph.D</b> in Civil Engineering Sciences	Visvesvaraya Technological University, Belgaum	2018	Degree awarded
<b>M.Tech</b> in Environmental Engineering	Visvesvaraya Technological University, Belgaum	2003	<b>93.5%</b> <b>Second rank</b> in Visvesvaraya Technological University
<b>Bachelor of Engineering</b> in Environmental Engineering	Mysore University	2001	86.7% First Class with Distinction

**Experience: Teaching : 13 years**

**Govt. Sector : 2 years**

From	To	Designation	Organization
August 2019	Till date	NSS officer	RVCE unit R.V.College of Engineering, Bengaluru. SAP ID: 5539
February 2019	Till date	Associate Professor	R.V.College of Engineering, Bengaluru. SAP ID: 5539
January 2011	January 2019	Assistant Professor	R.V.College of Engineering, Bengaluru. Emp ID: 08T0282
February 2008	December 2010	Lecturer	R.V. College of Engineering, Bengaluru
February 2007	August 2007	Lecturer	Sambhram institute of technology, Bangalore
March 2006	February 2007	Lecturer	Adichunchanagiri institute of technology, Chikmagalur.
September 2005	December 2005	Lecturer	P.E.S. College of Engineering, Mandya
November 2003	April 2005	Environmental Engineer at Mysore City Corporation	Appointed by Directorate of Municipal Administration.



### Publication citations:

	Scopus	Research Gate	Google Scholar	ASCE	Web of science	Microsoft Academic
No of Citations	2	55	47	8	34	14
No of documents	9	17	15	5	13	9
h Index	1	3	4		2	

### Awards / prizes:

1. **Best paper award** at National Conference on Advances in Civil Engineering NCACE-2020 conducted by East West Institute of Technology Bengaluru. 23<sup>rd</sup>- 24<sup>th</sup> December **2020**.
2. **Outstanding Indian Achiever Award of the Year 2020**, awarded by International Institute for social and economic reforms® on 29th February 2020 for the contribution in teaching and research for rural and intern national development.
3. **Top 2** in NPTEL course with Elite and Gold Medal with 93%, in an 8 week course on NPTEL conducted by **Indian Institute of Technology, Kharagpur, May 2019**.
4. **Dr. APJ Abdul Kalam National Award** on October 27, **2018**, for contribution to the implementation of Science and technology in rural areas for women and farmers development by teaching, research and publication awarded by Dr. Shivappa Former economic advisor NITI Aayog, Govt. of India, and Founder President of Government recognized and registered Krist foundation.
5. **Academic and Research Excellence awarded by** honourable President, Rastreyya Sikshana Samiti Trust, Bengaluru, in the **year 2019, 2018, 2016, 2015 and 2009, 2008**.
6. **First prize** in Inter college Green fest for presentation on the topic Solid waste management. conducted by Association of Consulting Civil Engineers in association , Bengaluru, **2017** .
7. **Icon SWM 2015 Excellent paper award** in the 5<sup>th</sup> International Conference on Solid waste management, Icon SWM 2015, by Indian Institute of Science Bengaluru and International Society of Waste Management, Air and Water.
8. **Best paper award** at National Conference on Futuristic technology in Civil Engineering for sustainable development” conducted by SJB Institute of Technology, Bengaluru. 9<sup>th</sup> May **2015**
9. **Icon SWM 2014 Excellence Award** by Govt. of Andhra Pradesh, Department of Municipal Administration and Urban Development, **2014**.
10. **Young Researcher Award 2013** by ISTE-RVCE Chapter at R.V.College of Engineering, Bangalore.
11. **Young Environmentalist Award 2012** awarded by Universiti Malaysia Terengganu, **Malaysia**.
12. **Best paper awards : 5** (Two in National level and Three in International level)

### Publications:

No. of papers published in International Journals: **11** ; Scopus -5, Elsevier- 1, Google scholar- 5

No. of papers published in International Conference: **28** ; Best paper award– 3; ASCE- 9; Scopus -5

No. of Papers published in national Conferences: **12**; Best paper award– 3

No. of Guest Lectures delivered :34 - AICTE -FDP- 08, DST -STTP-2, Training Pgm -2, ISTE - 02, Workshop - 4, MoEF – TP- 14, EMPRI- GoK- 13

No. of UG and PG projects guided :23

No. of training programmes and workshops organised: 15

No. of training programmes, workshops and conferences conducted as co-ordinator : 12

No. of workshops attended:14

No. of Conferences attended:16

No of QIP attended: 18

**Countries visited for conference** : Malaysia, Singapore, Japan, Philippines.etc.

**Book Chapter published in National and International Editions:**

	Chapter	Book	Co Authors	Editorial board	Publisher
1	Peak flood estimation along southern coast : Kerala, India.	Asian and pacific coasts 2017	Vikas M, Amarnatha reddy N	Kyung-Duck Suh – South Korea, Eri C Cruz - Philippines, Yoshimitsu Tajima – Japan <b>American Society of Civil Engineers</b>	<b>World Scientific Publishing Co Pvt Ltd., Singapore</b>
ISBN 978-981-3233-80-5 ISBN ( e book ) : 978-981-3233-81-2 <a href="http://www.worldscientific.com/doi/abs/10.1142/9789813233812_0017">http://www.worldscientific.com/doi/abs/10.1142/9789813233812_0017</a>					
2	Route Optimization for efficient Collection, Transportation and Sustainable Solid Waste Management in Mysore city using Geographic Information System	Waste management and resource utilization 2012	C. Nanjunda Swamy	Dr. Sadan K Ghosh, Hermann Koller, Dr.Jonathan Wong et.al <b>International Society of Waste Management, Air and Water.</b>	Oxford publishing house, Kolkota
e-book ISBN 81-86862-49-8 <a href="https://www.academia.edu/8286050">https://www.academia.edu/8286050</a> .					
3	Carbon Electroluminescence - An Organic Approach to Lighting	AIP Conference Proceedings vol. 1966 2018	Sonali Kumari, Tarun Chaudhary, Vivek Chandran, K.Shastry	<a href="https://doi.org/10.1063/1.5038697">https://doi.org/10.1063/1.5038697</a>	Elsevier publication <b>Indexed in scopus</b>
ISBN: 978-0-7354-1671-0; <a href="https://aip.scitation.org/toc/apc/1966/1?expanded=1966">https://aip.scitation.org/toc/apc/1966/1?expanded=1966</a>					
4	Co-Composting of Municipal Solid Waste with Sewage Sludge for Sustainable Waste Management in Urban Areas	Urbanization Challenges in Emerging Economies ; Energy, Water, and Transportation Infrastructure; Planning and Financing	M. Lokeshwari, Vikas Mendi, T. Raghavendra, Amaranatha Reddy and B. C. Udayashankar,	Udai P. Singh B. R. Chahar H. R. P. Yadav Satish K. Vij <b>American Society of Civil Engineers</b>	Published by the American Society of Civil Engineers
ISBN 978-0-7844-8202-5 (PDF) pp 79-89 <a href="https://ascelibrary.org/doi/10.1061/9780784482025.009">https://ascelibrary.org/doi/10.1061/9780784482025.009</a>					

5	What Is the Tidal Energy Potential of Sri Lanka?	Urbanization Challenges in Emerging Economies ; Energy, Water, and Transportation Infrastructure; Planning and Financing	Vikas Mendi, N. Amarnatha Reddy, M. Lokeshwari, T. Raghavendra and Jaya Kumar Seelam	Udai P. Singh B. R. Chahar H. R. P. Yadav Satish K. Vij  <b>American Society of Civil Engineers</b>	Published by the American Society of Civil Engineers
ISBN 978-0-7844-8202-5 (PDF) pp 358-365. <a href="https://ascelibrary.org/doi/10.1061/9780784482025.037">https://ascelibrary.org/doi/10.1061/9780784482025.037</a>					
6	Flood Estimation Using Probability Distribution Function Based Synthetic Unit Hydrograph Methods at Ungauged Catchments in Varrar Basin, Kerala, India	Urbanization Challenges in Emerging Economies ; Energy, Water, and Transportation Infrastructure; Planning and Financing	N.Amarnatha Reddy, Vikas Mendi, T.Raghavendra and M. Lokeshwari	Udai P. Singh B. R. Chahar H. R. P. Yadav Satish K. Vij  <b>American Society of Civil Engineers</b>	Published by the American Society of Civil Engineers
ISBN 978-0-7844-8202-5 (PDF) pp 142-153. <a href="https://ascelibrary.org/doi/10.1061/9780784482025.016">https://ascelibrary.org/doi/10.1061/9780784482025.016</a>					
7	Effect of Water Content on Relative Flow Area and Hence Predicted Flow Values of Controlled Low Strength Materials	Urbanization Challenges in Emerging Economies”; Resilience and Sustainability of Infrastructure	T. Raghavendra , B. C. Udayashankar M. Lokeshwari, M. Vikas and N. Amaranath Reddy	Udai P. Singh  G. L. Sivakumar Babu  <b>American Society of Civil Engineers</b>	Published by the American Society of Civil Engineers
ISBN 978-0-7844-8203-2 (PDF) pp 184-195. <a href="https://ascelibrary.org/doi/10.1061/9780784482032.020">https://ascelibrary.org/doi/10.1061/9780784482032.020</a>					

### **Completed R and D Projects :**

‘Mitigation of ground water contamination by Decentralized solid waste management’ funded by HUDCO. – 5 Lakhs, 2016

Varunmitra – Skill development program funded by National Institute of Solar Energy, MNRE – 3.6 Lakhs.

### **Ongoing Projects :**

Air quality monitoring station ( 589) funded by Karnataka State Pollution Control Board. Research involves Monitoring of Air quality at R V College of Engineering campus and uploading the data to KSPCB. Presently monitoring only 4 parameters. Applied for up gradation of the existing monitoring station.

### **R&D Projects submitted :**

- Upgradation of air quality monitoring station, established under NAMP at RVCE – Submitted to CPCB – 83Lakhs.
- Development of self-curing and self -compacting building blocks from industrial waste and byproducts. – submitted to DST. – 30.5 Lakhs
- Development of conductive Controlled Low Strength Materials containing mining ore tailings - submitted to Science and Engineering Research Board (SERB), Department of Science and Technology, Government of India – 55.82 Lakhs
- Utilization of alumina industrial waste for novel mix design in the development of Controlled Low Strength Materials - submitted to Vision Group on Science and Technology, Government of Karnataka – 3 Lakhs.

### **Consultancy Completed: more than 30 Lakhs.**

1. Water quality analysis of 68 samples given to Environmental Engineering lab in the month July 2014 under the project entitled “A study of water availability and quality in Chikkaballapur district using data mining techniques and experimental verification to evolve a plan for sustainable quality ground water.” Funded by Department of Panchayat Raj and Rural Development, **Government of Karnataka**.
2. Analysis of Grain size distribution and strength of building blocks using granite fines supplied by various granite industries of Jigani Industrial area through **Pollution control board**. 2015
3. Performance evaluation of existing sewage treatment plant by M/S Uniworth tranquil owners association. 2018
4. Proof checking/Vetting of Structural / Hydraulic (Pipe line) Design and Drawing for the project Design, Build. Operate and Transfer of multi village drinking water supply scheme for Kushtagi taluk, for Rural Drinking Water and Sanitation Department, **Government of Karnataka** 2018.
5. Proof checking/Vetting of Structural / Hydraulic (Pipe line) Design and Drawing of 181.45 MLD water treatment plant, Pavagada for the project Design, Build. Operate and Transfer of multi village drinking water supply scheme, for **Rural Drinking Water and Sanitation Department, Government of Karnataka**. 2019.
6. Vetting of Impounding Reservoir – Chikkamadinala Project for **Rural Drinking Water and Sanitation Department, Government of Karnataka**. August 2019
7. Vetting of Impounding Reservoir – Herur and Hulihyder Project for **Rural Drinking Water and Sanitation Department, Government of Karnataka**. 2019
8. Vetting of water supply scheme to 10 villages of Aurad taluk of Bidar district for Karnataka Urban water supply and drainage board.

### **Professional bodies membership:**

<b>Type</b>	<b>Organization</b>
Graduate member Member ID G-541352-5	Institution of Engineers, India
Life member Member ID LM-71668	Indian Society for Technical Education
Member of Project management unit	Hindu Religious Institutions and Charitable Endowments Department, Govt. of Karnataka and Rural drinking water and sanitation department, Govt. of Karnataka.

Member of Regional Level Consent Committee	Karnataka State Pollution Control Board, South - I and East – II, Bangalore. (From 2009 to 2013)
Member of BoS	Department of Civil Engineering, R.V.College of Engineering, Bengaluru. Autonomous under VTU. 11.09. 2015 - 10.09. 2018
Member of BoE	Department of Civil Engineering, R.V.College of Engineering, Bengaluru. Autonomous under VTU from 2019 till date Department of Civil Engineering, UVCE , 2020 till date
Member ID 11065915	American Society of Civil Engineers
Member of ‘Future Bangalore’ committee	constituted by President of Structural Engineers World congress Inc., which is headed Member of Parliament.
Member	Staff Selection committee, Govt. of India.
Member	‘Policy formulation committee’ which is presided by Honorable minister for Bengaluru development and town planning to formulate policy for the development of major urban cities in Karnataka.

### **Reviewer for Journal and Conferences:**

- Reviewer for Second ASCE India Conference 2020 organised by American Society of Civil Engineers, India Section , on “Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies (CRSIDE 2020)” at Kolkata during March 02-04, 2020 under the aegis of ASCE.
- Reviewer for the International Journal of Scientific Engineering and Technology from 2012. ISSN 2277-1581.
- Reviewer for International conference on Solid waste management ICoN SWM 2016.
- Member of Reviewer board for Pravara Journal of science and technology. (PJST) Approval No. Feb/2017/11, term 20/02/2017 to 20/2/2018.
- Member of Advisory Committee for the conference on Innovative Ideas in Engineering and Technology (IIET - 2018), held on 12<sup>th</sup> - 13<sup>th</sup> April 2018. IIET - 2018 organized by Rao Bahadur Y Mahabaleswarappa Engineering College (RYMEC) and Institute For Engineering Research and Publication (IFERP) at Cantonment Bellary, Karnataka.
- Member of Advisory Committee for International conference on recent advances in civil and mechanical engineering practices, ICRACMEP 2018, which will be held at Vasireddy Venkatadri Institute of Technology (VVIT), Guntur Andra Pradesh. on 2<sup>nd</sup> – 3<sup>rd</sup> November 2018 in association with Institute for Engineering Research and Publication (IFERP).
- Member of Advisory Committee for the conference 5<sup>th</sup> international conference on applied science engineering and technology ICASET 18, held on 17<sup>th</sup> 18<sup>th</sup> May 2018, at Sri Sairam College of Engineering, Anekal
- Member National Advisory Committee and outreach committee by Institute for Engineering Research and Publication (IFERP) for the 4<sup>th</sup> International conference on Chip, Circuitry, Current, Coding, Combustion and Composites jointly organized by Sri Sairam College of Engineering, Anekal

### **Session chair for conferences:**

- National Conference on Advances in civil engineering NCACE- 2018 held during 28<sup>th</sup> – 29<sup>th</sup> September 2018. Technical session on Environmental Engineering and waste management on 29/09/2018 at East West Institute of Technology, Bengaluru organized in association with Indian Concrete Institute, Zero Waste Society of India and Ultratech Cement

- International Conference on “Impact of global atmospheric changes on natural resources” held during 19th – 20th November 2018. Technical session on Ground water 20/11/2018 at Department of Civil Engineering. University Visvesvaraya College of Engineering.

Lokeshwari M

## DEPARTMENT OF MECHANICAL ENGINEERING

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**SKILL & EMPLOYABILITY  
PERSPECTIVE**

# Topic: Sustainable Technology Systems – A road map for sustainable development



**Speaker:**

**Sri. SHAMSUNDAR SUBBARAO**

**Head, NIE- CREST,**

( NIE- Centre For Renewable Energy & Sustainable Technologies)

The National Institute Of Engineering  
Mysore



02/06/2021 (Wednesday)



12.00 Noon



**MS Teams – 8<sup>th</sup> Sem  
Seminar/Webinar/Meeting**

Organized by: Dr Kiran Aithal, Dr Chethan K S, & Mr Manjunath H N



**E-mail: [drks.2859@gmail.com](mailto:drks.2859@gmail.com)**



## **Bio Data**

Sri. D.R. Kumaraswamy born on 02-08-1959 at Shivmogga, Shivmogga District, Karnataka, He graduated (B.E.Civil) at Davangere from GBDT College of Engineering, Mysore university in 1983 with first class with distinction. He completed his Master Degree (Environmental Engineering) from BVM College of Engineering, V.V. Nagar, Anand, Gujarat State.

He joined the Karnataka State Pollution Control Board during 1984 as Assistant Engineer. Board sent him West Germany during 1986-87 for “Advanced Professional Training” during his Training he visited important cities in West- Germany. And he also visited UK, France and Luxem burcountries.

During 2011-12 he visited Singapore to study on E-waste Recycling.

During 2012-13 he visited China to attend Electronic Recycling Asia and also visited Macaw, Hang Kong, Malaysia to study on Waste to Energy and Municipal Solid Waste disposal facility.

During 2013-14 he visited Germany, Austria, France, Switzerland and Dubai to study about the recycling of E-waste, Hazardous Waste, Municipal Solid Waste etc., also about the reuse of Plastic Waste as a fuel in Steel Mills.



During 2017-18 he visited USA study on recycling of sewage.

During 2019, he also went for Study tour to France, Sweden, Holland, Switzerland, Italy and Dubai.

He already published 12 Books in simple Local language Kannada and distributed about 12,000 Books to School Students and Industries without any cost.

He also published 3 Nos of Spiritual Books and 5 Nos of Spiritual CD's and Donated to Asharm.

He held the number of position in the **Pollution Control Board like Member Secretary, Chief Environmental Officer, Administrative Officer, Legal Officer, Public Relation Officer & Head of the Central Laboratory.** and worked almost all the district of the street.

**He is also an External Examiner for Visveswaraiah Technological University Engineering College.**

**Presently he is Retired Senior Environmental Officer Enviro care cell Head office, and SEO Bangalore North office, Bangalore.**

He has received number of awards from Local organizations

- (i) "ParisaraRatna" during 2005 from NehruRastriaParisaraSamste(R).
- (ii) "SwarnaBhushana" during 2006 from Karnataka PraghatiparaPrathistana
- (iii) "Karnataka SevaPuraskara" during 2007 from Karnataka PraghatiparaPrathistana(R).
- (iv) "Best Environmental officer" during 2018 from Rotary club and Lions club,Bengaluru

And He has completed his 35 years of service in Karnataka State Pollution Control Board.

## CERTIFICATE OF PARTICIPATION

This certificate is presented to

*KARSHIK N*


bearing USN 1NT13ME068

for attending webinar Series on  
**Energy, Environment and Sustainability**  
held during the academic year 2020-21.

Topic-1 : Energy, Environment and Sustainability  
Date : 05/05/2021  
Speaker : Sri D R Kumaraswamy,  
Former Member Secretary and Head of Laboratories,  
Karnataka State Pollution Control Board, Bengaluru

Topic-2 : Sustainable development of water, Energy and  
Waste management system  
Date : 11/05/2021  
Speaker : Dr Lokeshwari M,  
Associate Professor and NSS Officer,  
RV College Of Engineering, Bengaluru

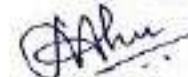
Topic-3 : Sustainable Technology Systems – A road map for  
sustainable development  
Date : 02/06/2021  
Speaker : Prof Shamsundar Subbarao,  
Head, NIE-CREST, NIE, Mysuru



Dr Kiran Aithal S  
Faculty In Charge



Dr Chethan K S  
Faculty In Charge



Mr Manjunath H N  
Faculty In Charge



Dr Sudheer Reddy J  
Prof & Head



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PERSPECTIVE

## Topic: HELICOPTER TECHNOLOGY



**Speaker:**

Dr.Simon. K. John

Wing Commander (Retd.)

Indian Air Force

Emeritus Scientist(ScG)

DRDO



26/06/2021(Saturday)



10.00 AM onwards



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Organised by: Dr. P.B. Shetty, Dr. Arun Kumar G L, Mr. Shiv Patap, Dr.Avinash L Mr. Praveena B A



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# Topic: LAYER COMPOSITES FOR BRAKES



**Speaker:**  
**Dr T R Prabhu**  
Scientist & Deputy  
Director  
DRDO, Govt of India,  
Bengaluru



10/05/2021 (Monday)



10.00 AM onwards



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Organised by: Mr. Shiv Patap, Mr. Avinash L, Dr. Pradeep Badiger, Dr. Sriram Mukunda



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## DEPARTMENT OF MECHANICAL ENGINEERING

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### ONLINE WEBINAR ON VIRTUAL LABS



21/072020 to 25/07/2020



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REGISTRATION](#)



Date	Time	Lab
21-07-2020	10:30 to 11:45	Digital VLSI design Virtual lab [ECE]
22-07-2020	10:30 to 11:45	Mechanisms and Robotics lab [ME]
24-07-2020	10:00 to 11:15	Vibration and Acoustics lab [ME]
24-07-2020	11:30 to 12:45	Data Structures lab [ISE]
24-07-2020	13:00 to 14:15	Strength of Materials lab [Civil]
25-07-2020	10:00 to 11:15	Computer Graphics lab [CSE]
25-07-2020	11:30 to 12:45	Cryptography lab[CSE]
25-07-2020	13:00 to 12:15	Mechanics of Materials lab [ME]



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# Topic: PROJECT MANAGEMENT USING SIX SIGMA APPROACH



**Speaker:**  
**Mr. B M Jagadeesh**  
Production System and  
Competency  
Development SKF India  
Ltd.



04/06/2021(Friday) and  
05/06/2021(Saturday)



06.30 PM onwards



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Organised by: Mr. Shiv Patap, Mr. Avinash L, Dr. Vijay Kumar S, Mr. Praveena B A, Dr. Abdulrajak Buradi



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Topic: Device for cleaning , Grading, milling and storage of farm produce



**Speaker:**

**Dr POORNIMA D.S**

Assistant Professor,  
Department of Agriculture  
Engineering ,GKVK ,  
Bengaluru



22/05/2021 &  
28/05/2021



9.00 AM onwards



**Zoom ID: 4527426208**  
**PASSCODE: 123456**

Coordinator: Mr.Mahadeva Prasad

Convenor : Dr. Sudheer Reddy J



## DEPARTMENT OF MECHANICAL ENGINEERING

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SKILL & EMPLOYABILITY  
PERSPECTIVE

### Topic: Automotive Powertrain Systems



**Speaker:**

**Mr. Umesh S**

Assistant Professor

Dept. of Aerospace

Engg

M S Ramaiah university

of Applied Sciences,

Bangalore - 570058



17/05/2021 (Monday)



3:30pm – 5:30pm

Organized by Dr. Sriram Mukunda





## DEPARTMENT OF MECHANICAL ENGINEERING

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SKILL & EMPLOYABILITY  
PERSPECTIVE

# Topic: Overview of Vehicle Development – Concept to Market



### Speaker:

**Mr. Dhananjaya B C**

Former Lead Subject  
Matter Expert – Crash  
and Safety at General  
Motors Technical  
Centre India.



30/06/2021 (Wednesday)



6:00pm – 7:00pm

Organized by Dr. Sriram Mukunda





DEPARTMENT OF MECHANICAL ENGINEERING

WEBINAR ON

**AUGMENTED REALITY &  
VIRTUAL REALITY**

07/06/2021

11:00 AM - 12:00 PM


Convener:  
**Vikram Kedambadi Vasu**  
Assistant Professor, Department of Mechanical Engineering

Co-ordinators:  
**Mahadeva Prasad**  
Assistant Professor, Department of Mechanical Engineering  
**Praveena B A**  
Assistant Professor, Department of Mechanical Engineering  
**Lokesh N**  
Assistant Professor, Department of Mechanical Engineering



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PB No.6429, Govindapura, Gollahalli, Yelahanka, Bengaluru - 560064, Karnataka, India

## **Department of Mechanical Engineering**

*Cordially invites you to the One Day Workshop On*

**“LEAN MANUFACTURING AND LEAN ENTERPRISE”**

In association with



**Chief Guest**

**Shri. B M Jagadeesh**

**Production System and Competency Development**

**SKF India Ltd.**

**Date : 03rd April 2021    Time : 9:30 a.m onwards    Venue : New Seminar Hall**

**DEPARTMENT OF MECHANICAL ENGINEERING**

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**Topic: Programmable Logic Controller Operations & Applications**



**Speaker:**  
**Santosh M.S**  
Didactics Department  
Hydac India Private Limited

Webinar Mapping: Applied Mechatronics  
Syllabus topics covered:

**Programmable Logic Controllers  
(Unit-5)**



08/07/2021(Thursday)



Morning - 11:00 AM - 12:30 PM  
Afternoon - 2:30 PM - 4:00 PM



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REGISTRATION](#)



Coordinator: Chetan S  
For Further Enquiry Contact: +91 9538807642

Website: [www.nimit.ac.in](http://www.nimit.ac.in)



## PROFILE

---

**Name** : Santhosh.M.S  
**Department** : Sales - Didactics  
**Designation** : Senior Manager

### Introduction

- Working in Hydac India Private Limited since 2019.
- Responsible for setting up CoE @ Technical Institutions
- Development of Training Systems
- Impart training on various fields of Automation Technologies

### Previous work experiences

- M/s. Kirloskar Electric Company, Mysore as Trainee - from 1999 to 2000
- M/s. Temec Automation, Mysore as Application support engineer - from 2001 to 2002
- M/s. Sylech Engineering Pvt. Ltd as Quality Engineer - from 2002 to 2005.
- M/s. Chartered Semiconductors as Semiconductor technician - from 2005 to 2007.
- M/s. Bosch Rexroth India Private Limited as Senior Manager - from 2007 to 2019

### KEY HIGHLIGHTS

- Bosch Rexroth AG - Certified trainer for Continuous Control Hydraulics, Pneumatics, TRONICS, Digital Hydraulics, Mobile Hydraulics and Industry 4.0
- Key personnel for Digital Hydraulics and Proportional Hydraulics in India.

### Contact Details

Contact No. +91-9731322550  
Email: santhosh.srinivas@hydacindia.com

## Content covered:

- Programmable Logic Controllers (PLC)
- Introduction to PLC, Principles of Operation;
- Various Parts of a PLC: CPU & programmer/ monitors;
- PLC input & output modules; I/O modules; power supplies.
- PLC advantage & disadvantage; PLC versus Computers.

# COMPARISON PC with PLC



CPU/Memory

CPU/ RAM/ Hard disk

CPU/ RAM/ Flash Card

Power Supply

220V AC, 1 Ph.

220V AC / 24V DC

Inputs

Key board, Mouse, Remote station (LAN)

Push Button, Selector, Limit Switch, Bus Interface

Outputs

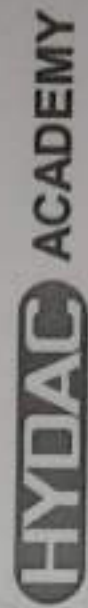
Monitor, Printer, Projector Etc.,

Solenoids, Relays, Lamps, Motors, HMI

Software

OS: Windows XP / SW: MS Office

OS: Firmware / SW: Machine Logic



Navigation bar with icons: RT, LR, PS, DV, CS, DS, SS. Below icons are labels: Programmable Co..., Embedded Systems, Industrial Hydraul...

# PLC Specifications



Product Name	Easy Modicon M200
Rated supply voltage	100...240 V AC
Discrete input number	24
Discrete output number	16 (Relay Output) 2Amps
Discrete output type	Relay normally open
Response time	100 µs turn-off for regular I/O 35 µs turn-on for regular I/O
Memory capacity	512 byte internal flash for backup of programs
Cycle Time	3 ms for event and periodic task
Protection	IP20

**HYDAC** ACADEMY

Navigation icons: Home, Search, and a grid of circular icons labeled with initials: PP, SZ, AM, LK, AC, CS, SS.



**EcoStructure**

**\*New project**

Machine Expert - Basic

Programs | Configuration | Messages | Digital Inputs

- Messages
- Digital inputs
- Digital outputs
- Analog inputs
- High Speed Counters
- IO Bus
  - SI 5.1 Central Inrd
  - Modbus
  - SI 5.2 Central Inrd
  - Modbus

References

Reference	Name	Type
TM221C1EY	24 Vdc	
TM221C1E0	24 Vdc	
TM221C1E0	24 Vdc	
TM221C1E0	24 Vdc	

Messages

Device description

TM221C1E0 (Series)

8 digital inputs, 8 relay outputs (2 A), 2 analog inputs, 2 serial line ports, 24 Vdc power supply controller with removable terminal blocks.

Power supplied to the IO bus

V	24V
I	1.25 mA

Sl.No	USN	Name	
1	1NT15ME020	ASM Adnan Kabir Ratul	A
2	1NT16ME069	Prakarsh Prasar	A
3	1NT16ME095	Shashank S Kashyap	A
4	1NT16ME177	Suhas V	A
5	1NT17ME036	Bikesh Yadav	A
6	1NT17ME037	Bineel N B	A
7	1NT17ME125	Shekhar B N	A
8	1NT17ME140	Syed Abid	P
9	1NT18ME002	A Sharanya	P
10	1NT18ME013	Akansha Gupta	P
11	1NT18ME016	Alini Christ Paul	P
12	1NT18ME017	Aman Basavaraj Biradar	P
13	1NT18ME018	Aman Kumar	P
14	1NT18ME028	Balaji G V	P
15	1NT18ME035	Chandrashekar L	P
16	1NT18ME036	Chau Ngonseng Chakhap	P
17	1NT18ME037	Chetan B	P
18	1NT18ME038	Chetan Ranganath	P
19	1NT18ME039	Chethan Kumar K R	P
20	1NT18ME042	Chukkala Dheeraj	P
21	1NT18ME043	Deekshith V	P
22	1NT18ME050	Harikeerthana N	P
23	1NT18ME102	Pallavi G	P
24	1NT18ME059	Karthik Bhovi N	P
25	1NT18ME061	Karthikei Ram G U	P
26	1NT18ME062	Karunakar	P
27	1NT18ME065	Kishore V B	P
28	1NT18ME067	Krithik R	P
29	1NT18ME069	Likhith Raj D	P
30	1NT18ME082	Mayur U	P
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32	1NT18ME086	Mohammed Touqeer A R	P
33	1NT18ME087	Mohan Kumar S	P
34	1NT18ME088	Mujeer Ahmed	P
35	1NT18ME090	N R Prashuth	P
36	1NT18ME091	Neeraj Thondikatil Jothish Kumar	P
37	1NT18ME092	Nikhil Raj M V	P
38	1NT18ME094	Nishanth R Gowda	P
39	1NT18ME111	Prasannakumar V	P
40	1NT18ME116	Pramodh R	P
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43	1NT18ME125	Revanth Gowda B C	P

44	1NT18ME126	Rishab T	P
45	1NT18ME128	Rohit N	P
46	1NT18ME130	Roshni Rajan Naroor	A
47	1NT18ME143	Shetty Hrithik Vasantha	P
48	1NT18ME145	Srikar I	P
49	1NT18ME148	Sujay V	P
50	1NT18ME151	Sunilkuamr B S	P
51	1NT18ME152	Sunil Kumar K	P
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55	1NT18ME408	Kanakaraju N	P
56	1NT19ME403	Dhanush C	P
57	1NT19ME406	Huliya D	P
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59	1NT19ME409	Manikanta P	P
60	1NT19ME411	Mumin Malik	P
61	1NT19ME419	Shilpa S Walaki	P
62	1NT19ME420	Sindhu D	P
63	1NT19ME421	Tabasum Banu	P
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1	1NT17ME144	Tejas T N	A
2	1NT18ME001	A Aryan	P
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4	1NT18ME004	Aakash Kumar Patel	P
5	1NT18ME006	Adithya Naik P U	P
6	1NT18ME007	Adithya Sreepathy Ekendra	P
7	1NT18ME008	Aditya Kashyap	P
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9	1NT18ME012	Ajay Rao	P
10	1NT18ME019	Amrutha Raj A	A
11	1NT18ME020	Aniket Choudhary	P
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13	1NT18ME040	Chiranth K N	P
14	1NT18ME044	Dhanush Kumar S	P
15	1NT18ME045	Dinesh Kumar Sahoo	P
16	1NT18ME046	Dishad Kumar B T	A
17	1NT18ME047	G N Nagaharish	P
18	1NT18ME048	Guntupalli Srihari	P
19	1NT18ME052	Hruthik Babu G S	P
20	1NT18ME053	Jai S Naik	P
21	1NT18ME055	Jayanth A C	P
22	1NT18ME058	K Sai Krishna	P
23	1NT18ME063	Kifayath Ulla Shariff	P
24	1NT18ME066	Koushal Satyanarayan Bhutada	P
25	1NT18ME070	Likith S B	P
26	1NT18ME071	Lokavishruth K	P
27	1NT18ME072	Lokeshwar K S	P
28	1NT18ME075	Mahesh Kumar Godara	P
29	1NT18ME095	Nitesh Basavaraj Hallad	P
30	1NT18ME096	Nithin H V	P
31	1NT18ME097	Nithin K C	P
32	1NT18ME099	Nitish S	P
33	1NT18ME100	Nivas M S	P
34	1NT18ME101	Omair Iqbal	P
35	1NT18ME103	Patush T M	P
36	1NT18ME105	Pavan Kumar Bh	P
37	1NT18ME107	Piyush Prabhakar	P
38	1NT18ME115	Puneeth Gaikwad L	P
39	1NT18ME123	Ravindra Nayak M	P
40	1NT18ME124	Reuben Richardson	P
41	1NT18ME127	Rishi K	P
42	1NT18ME129	Rohit Raj	P
43	1NT18ME131	S Kishor	P

44	1NT18ME132	S N Harshith	P
45	1NT18ME133	S Naga Vamsi Ganesh Manepalli	P
46	1NT18ME153	Sunil Pareek	P
47	1NT18ME155	Suraj K H	P
48	1NT18ME161	Tejas Alva	P
49	1NT18ME163	Uday Kumar B V	P
50	1NT18ME164	V R Prashanth Kumar	P
51	1NT18ME165	Vaishnu Teja S S	P
52	1NT18ME167	Vijaya Guru S P	P
53	1NT18ME168	Vijeeth Vijay Kumar	P
54	1NT18ME169	Vikas Anand	P
55	1NT18ME173	Yashas M	P
56	1NT19ME405	Hari Kumar P M	P
57	1NT19ME410	Manoj Gowda C U	P
58	1NT19ME412	Nanda Mohan Chowdari B R	P
59	1NT19ME414	Prateek Kumbar	P
60	1NT19ME416	Raghavendra V Hegde	P
61	1NT13ME176	Harish C	P

Sl.No	USN	Name	
1	1NT15ME016	Ashik B P	A
2	1NT15ME083	N Vaibhav	A
3	1NT17ME121	Satwick S Shetty	P
4	1NT18ME010	Aditya Vikram	P
5	1NT18ME011	Advaith S Agasthya	P
6	1NT18ME014	Akash Basavaraj Biradar	P
7	1NT18ME015	Akshay Jha	P
8	1NT18ME021	Anilkumar Saidapur	P
9	1NT18ME023	Arjun K L	P
10	1NT18ME024	Aryan S	P
11	1NT18ME029	Bhadresh J Mudakamath	P
12	1NT18ME030	Bhanu A R	A
13	1NT18ME032	Bharath Kumar N	P
14	1NT18ME034	Chandram	P
15	1NT18ME041	Chiranth Raj M R	P
16	1NT18ME049	Hancy Ronaldo Dsouza	P
17	1NT18ME054	Jaideep S	P
18	1NT18ME056	Jayanth D Hombal	P
19	1NT18ME057	Joswin Monteiro	P
20	1NT18ME060	Karthik N	P
21	1NT18ME064	Kiran Acharya	P
22	1NT18ME073	Madhu K N	P
23	1NT18ME074	Mahendra S	P
24	1NT18ME077	Manish A Kote	P
25	1NT18ME078	Manjunatha H S	P
26	1NT18ME079	Manoj J	P
27	1NT18ME081	Mayank Kumar Gupta	P
28	1NT18ME083	M B Aditya	P
29	1NT18ME104	Pavan H T	P
30	1NT18ME106	Pavan Kumar K	P
31	1NT18ME108	Prahlad V Deshpande	P
32	1NT18ME109	Pramod A	P
33	1NT18ME110	Prasanna Appasaheb Modi	P
34	1NT18ME112	Pratham Naik K N	P
35	1NT18ME113	Prathap S	P
36	1NT18ME114	Prathvi Raj	P
37	1NT18ME117	Rahul A R	P
38	1NT18ME119	Rajeev Ranjan	P
39	1NT18ME134	Sachin M Revankar	P
40	1NT18ME135	Sadat Ahmed Shakeeb	A
41	1NT18ME136	Sai Kameshwar Sriadibhatla	P
42	1NT18ME137	Sandeep Deshpande	P
43	1NT18ME138	Sanjay M	P

44	1NT18ME139	Sarvajith J H	P
45	1NT18ME140	Shaaf Ahmad Zubairi	P
46	1NT18ME141	Shashank Amaravathi	P
47	1NT18ME142	Shashank Patil	P
48	1NT18ME170	Vikash Jha	P
49	1NT18ME172	Vishal Thapa	P
50	1NT18ME177	Abishek Dhungana	P
51	1NT18ME178	Prabin Dahal	P
52	1NT19ME400	A Sanjay Kumar	P
53	1NT19ME401	Babu Bammu Jangle	P
54	1NT19ME402	Darshan B P	P
55	1NT19ME404	Dhanush R	P
56	1NT19ME408	Mahesha S	P
57	1NT19ME413	Naveen Sc	P
58	1NT19ME415	Praveena B L	P
59	1NT19ME417	Sachin D R	P
60	1NT19ME418	Shashanka H M	P
61	1NT19ME423	Vignesha R	P

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Programmable Logic Controller operations & Applications

Name of the Speaker : Santosh M.S

If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

> Please '√' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?		✓		
2	How relevant was the content discussed by the speaker?		✓		
3	Are you satisfied with the time and venue?		✓		
4	How much interesting this session was for you?			✓	
5	How was your preparation about the topic before the guest lecture?			✓	
6	Did the lecture cover what you were expecting?			✓	
7	What is your opinion about the speaker?		✓		
8	How much this session was useful from the knowledge and information point of view	✓			
9	Overall effectiveness of the lecture		✓		

Additional comments and suggestions for future

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Date: 03/07/2021

Thank You



## FEEDBACK FORM FOR GUEST LECTURE

Topic : Programmable logic controller operations & Application

Name of the Speaker : Santosh M.S

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

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S.No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the lecture?		√		
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3.	Are you satisfied with the time and venue?	√			
4.	How much interesting this session was for you?		√		
5.	How was your preparation about the topic before the guest lecture?	√			
6.	Did the lecture cover what you were expecting?			√	
7.	What is your opinion about the speaker?		√		
8.	How much this session was useful from the knowledge and information point of view	√			
9.	Overall effectiveness of the lecture		√	√	

Additional comments and suggestions for future

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Date: 3.7.2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Programmable Logic Controller Operation & Application

Name of the Speaker : Santosh MS

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

> Please '√' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?		✓		
2	How relevant was the content discussed by the speaker?		✓		
3	Are you satisfied with the time and venue?		✓		
4	How much interesting this session was for you?		✓		
5	How was your preparation about the topic before the guest lecture?		✓		
6	Did the lecture cover what you were expecting?		✓		
7	What is your opinion about the speaker?		✓		
8	How much this session was useful from the knowledge and information point of view		✓		
9	Overall effectiveness of the lecture		✓		

Additional comments and suggestions for future

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Date: 03/07/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Programmable Logic Controller operation and Applications

Name of the Speaker : Santhosh M.S

If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

➤ Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the lecture?			✓	
2.	How relevant was the content discussed by the speaker?		✓		
3.	Are you satisfied with the time and venue?			✓	
4.	How much interesting this session was for you?		✓		
5.	How was your preparation about the topic before the guest lecture?			✓	
6.	Did the lecture cover what you were expecting?		✓		
7.	What is your opinion about the speaker?		✓		
8.	How much this session was useful from the knowledge and information point of view				✓
9.	Overall effectiveness of the lecture				✓

Additional comments and suggestions for future

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Date: 3/07/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Programmable logic Controller operation & Applications

Name of the Speaker : Sanjay M-S

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

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6	Did the lecture cover what you were expecting?		✓		
7	What is your opinion about the speaker?			✓	
8	How much this session was useful from the knowledge and information point of view			✓	
9	Overall effectiveness of the lecture		✓		

Additional comments and suggestions for future

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Date: 3/7/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : programmable logic ~~conduction~~ control, operation & application

Name of the Speaker : Santhosh M.S

If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

> Please '✓' the option you find most suitable.

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5	How was your preparation about the topic before the guest lecture?		✓		
6	Did the lecture cover what you were expecting?	✓			
7	What is your opinion about the speaker?			✓	
8	How much this session was useful from the knowledge and information point of view			✓	
9	Overall effectiveness of the lecture		✓		

Additional comments and suggestions for future

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Date: 3/07/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Programmable logic controller operations & Applications

Name of the Speaker : Santhosh M.S.

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8	How much this session was useful from the knowledge and information point of view		✓		
9	Overall effectiveness of the lecture	✓			

Additional comments and suggestions for future

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Date: 8/7/2021

Thank You

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**Topic: EMBEDDED Systems and Its Application**



**Speaker:**  
**Habib Sab**  
**Proprietor**  
**Emergers Technologies**

Webinar Mapping: Applied Mechatronics  
Syllabus topics covered:

**Microprocessors & Microcontrollers**  
**(Unit-5)**



09/07/2021(Friday)&  
10/07/2021(Saturday)



Morning - 11:00 AM - 12:30 PM  
Afternoon - 2:30 PM - 4:00 PM



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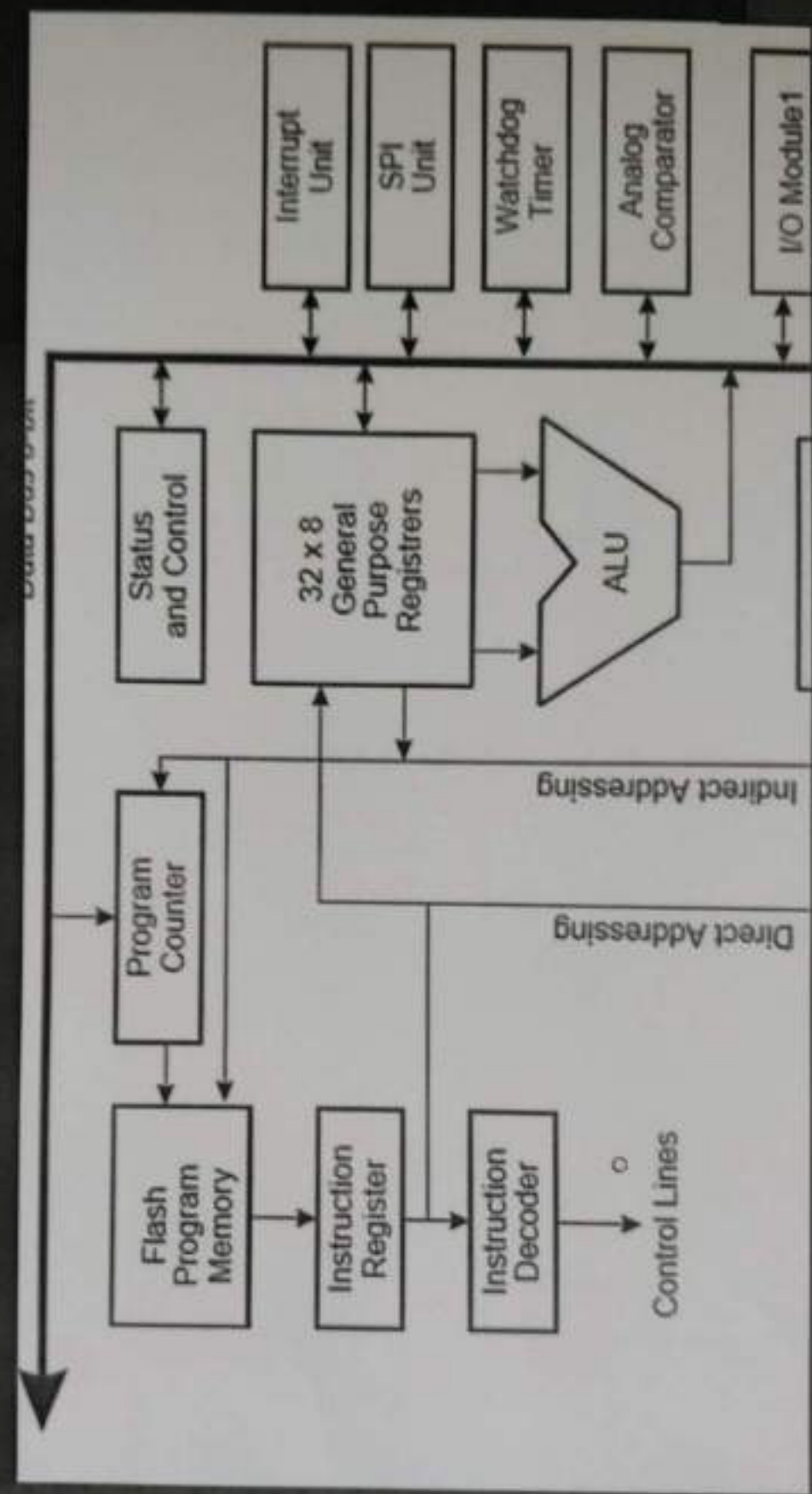
Coordinator: Chetan.S  
For Further Enquiry Contact: +91 9538807642

Website: [www.nmit.ac.in](http://www.nmit.ac.in)

## Content covered:

- Microprocessors Basic Elements of a Microprocessor: CPU, ALU, Memory, I/O Ports, Bus, Read & Write Cycle.
- Overview of Architecture of 8085 Microprocessor, Timing & Control Units.
- Introduction to Single Board Computers (SBC): Overview of Raspberry Pi Board, NVIDIA TEGRA, UDOO, Microprocessors Power Supply, Memory, Ports, GPIOs, Setting up the Raspberry Pi





Here is a list of different Arduino boards available.

Arduino boards based on ATMEGA328P microcontroller

Board Name	Operating Volt	Clock Speed	Digital I/O	Analog Inputs	PWM	UART	Programming Interface
Arduino Uno R3	5V	16MHz	14	6	6	1	USB via ATmega16U2
Arduino Uno R3 Mini	5V	16MHz	14	6	6	1	USB via ATmega16U2
Red Board	5V	16MHz	14	6	6	1	USB via FT232RL
Arduino Pro Mini 5V 16MHz	3.3V	8 MHz	14	6	6	1	FTDI - Compatible Header
Arduino Pro Mini 5V 16MHz	5V	16MHz	14	6	6	1	FTDI - Compatible Header
Arduino mini 5V	5V	16MHz	14	6	6	1	FTDI - Compatible Header
Arduino Pro mini 3.3V 8MHz	3.3V	8MHz	14	6	6	1	FTDI - Compatible Header
Arduino Pro mini 5V 16MHz	5V	16MHz	14	6	6	1	FTDI - Compatible Header
Arduino Ethernet	5V	16MHz	14	6	6	1	FTDI - Compatible Header
Arduino Pro	5.2V	8MHz	14	6	6	1	FTDI - Compatible Header
Arduino 328P main board	3.3V	8MHz	14	6	6	1	FTDI - Compatible Header
Arduino Leonardo	3.3V	8MHz	9	4	6	8	FTDI - Compatible Header



An Intel® Xeon® processor variant with black plastic and silver pins

General information	
Launched	March 2016
Discontinued	2020 <sup>[1]</sup>
Common manufacturer(s)	Intel and several others
Performance	
Max. CPU clock rate	3.3 and 6 MHz
Data width	8 bits
Address width	36 bits
Architecture and classification	
Min. feature size	2 μm
Instruction set	x86-64
Physical specifications	
Die area	~0.506
Package(s)	40-pin DIP
Series(s)	12nm
History	
Predecessor	Intel Xeon
Successor	Intel Xeon



**CPU Specifications**

- # of Cores 18
- # of Threads 36
- Processor Base Frequency 2.60 GHz
- Max Turbo Frequency 4.20 GHz
- Cache 24.75 MB
- Bus Speed 8 GT/s
- # of QPI Links 0
- Intel® Turbo Boost Max Technology 3.0 Frequency 4.40 GHz
- TDP 165 W
- No. of Transistors: Approx 7 Billion

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1	1NT15ME020	ASM Adnan Kabir Ratul	A
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14	1NT18ME044	Dhanush Kumar S	P
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22	1NT18ME058	K Sai Krishna	P
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56	1NT19ME405	Hari Kumar P M	P
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61	1NT13ME176	Harish C	P

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1	1NT15ME016	Ashik B P	A
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7	1NT18ME015	Akshay Jha	P
8	1NT18ME021	Anilkumar Saidapur	P
9	1NT18ME023	Arjun K L	P
10	1NT18ME024	Aryan S	P
11	1NT18ME029	Bhadresh J Mudakamath	P
12	1NT18ME030	Bhanu A R	P
13	1NT18ME032	Bharath Kumar N	P
14	1NT18ME034	Chandram	P
15	1NT18ME041	Chiranth Raj M R	P
16	1NT18ME049	Hancy Ronaldo Dsouza	P
17	1NT18ME054	Jaideep S	P
18	1NT18ME056	Jayanth D Hombal	P
19	1NT18ME057	Joswin Monteiro	P
20	1NT18ME060	Karthik N	P
21	1NT18ME064	Kiran Acharya	P
22	1NT18ME073	Madhu K N	P
23	1NT18ME074	Mahendra S	P
24	1NT18ME077	Manish A Kote	P
25	1NT18ME078	Manjunatha H S	P
26	1NT18ME079	Manoj J	P
27	1NT18ME081	Mayank Kumar Gupta	P
28	1NT18ME083	M B Aditya	P
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33	1NT18ME110	Prasanna Appasaheb Modi	P
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35	1NT18ME113	Prathap S	P
36	1NT18ME114	Prathvi Raj	P
37	1NT18ME117	Rahul A R	P
38	1NT18ME119	Rajeev Ranjan	P
39	1NT18ME134	Sachin M Revankar	P
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43	1NT18ME138	Sanjay M	P



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45	1NT18ME140	Shaaf Ahmad Zubairi	P
46	1NT18ME141	Shashank Amaravathi	P
47	1NT18ME142	Shashank Patil	P
48	1NT18ME170	Vikash Jha	P
49	1NT18ME172	Vishal Thapa	P
50	1NT18ME177	Abishek Dhungana	P
51	1NT18ME178	Prabin Dahal	P
52	1NT19ME400	A Sanjay Kumar	P
53	1NT19ME401	Babu Bammu Jangle	P
54	1NT19ME402	Darshan B P	P
55	1NT19ME404	Dhanush R	P
56	1NT19ME408	Mahesha S	P
57	1NT19ME413	Naveen Sc	P
58	1NT19ME415	Praveena B L	P
59	1NT19ME417	Sachin D R	P
60	1NT19ME418	Shashanka H M	P
61	1NT19ME423	Vignasha R	P

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Embedded Systems and Applications

Name of the Speaker : Habesh Sab

If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

> Please ✓ the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?	✓			
2	How relevant was the content discussed by the speaker?	✓			
3	Are you satisfied with the time and venue?		✓		
4	How much interesting this session was for you?	✓			
5	How was your preparation about the topic before the guest lecture?		✓		
6	Did the lecture cover what you were expecting?	✓			
7	What is your opinion about the speaker?	✓			
8	How much this session was useful from the knowledge and information point of view	✓			
9	Overall effectiveness of the lecture	✓			

### Additional comments and suggestions for future

The session was very informative. The lecturer demonstrated the working of Arduino board which helped us in understanding the topics.

Date: 10/07/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Embedded systems and applications

Name of the Speaker : Kabeer Sab

If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

> Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?	✓			
2	How relevant was the content discussed by the speaker?		✓		
3	Are you satisfied with the time and venue?	✓			
4	How much interesting this session was for you?	✓			
5	How was your preparation about the topic before the guest lecture?	✓			
6	Did the lecture cover what you were expecting?		✓		
7	What is your opinion about the speaker?		✓		
8	How much this session was useful from the knowledge and information point of view	✓			
9	Overall effectiveness of the lecture	✓			

### Additional comments and suggestions for future

It was a good session.

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Date: 10/7/21

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Embedded Systems & Application

Name of the Speaker : Habeeb Sab

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

> Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?		✓		
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7	What is your opinion about the speaker?		✓		
8	How much this session was useful from the knowledge and information point of view		✓		
9	Overall effectiveness of the lecture		✓		

Additional comments and suggestions for future

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Date: 10/7/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Embedded Systems & Applications

Name of the Speaker : Harjeet Saini

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

➤ Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?			✓	
2	How relevant was the content discussed by the speaker?			✓	
3	Are you satisfied with the time and venue?				✓
4	How much interesting this session was for you?		✓		
5	How was your preparation about the topic before the guest lecture?				✓
6	Did the lecture cover what you were expecting?			✓	
7	What is your opinion about the speaker?		✓		
8	How much this session was useful from the knowledge and information point of view		✓		
9	Overall effectiveness of the lecture	✓			

Additional comments and suggestions for future

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Date: 10/7/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Embedded systems And applications

Name of the Speaker : Habib Sub

If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

➤ Please '√' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?		✓		
2	How relevant was the content discussed by the speaker?			✓	
3	Are you satisfied with the time and venue?		✓	✓	
4	How much interesting this session was for you?			✓	
5	How was your preparation about the topic before the guest lecture?		✓		
6	Did the lecture cover what you were expecting?			✓	
7	What is your opinion about the speaker?		✓		
8	How much this session was useful from the knowledge and information point of view			✓	
9	Overall effectiveness of the lecture		✓		

**Additional comments and suggestions for future**

No Comments

Date: 10/7/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Embedded system & Application.

Name of the Speaker : Hobaeb Jab

If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

> Please '√' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?		✓		
2	How relevant was the content discussed by the speaker?		✓		
3	Are you satisfied with the time and venue?		✓		
4	How much interesting this session was for you?		✓	<del>✓</del>	
5	How was your preparation about the topic before the guest lecture?		✓		
6	Did the lecture cover what you were expecting?		✓		
7	What is your opinion about the speaker?		✓		
8	How much this session was useful from the knowledge and information point of view			✓	
9	Overall effectiveness of the lecture		✓		

### Additional comments and suggestions for future

No comments.

Date: 10/7/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Embedded System and Application

Name of the Speaker : Habeeb Sab

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6	Did the lecture cover what you were expecting?		✓		
7	What is your opinion about the speaker?	✓			
8	How much this session was useful from the knowledge and information point of view	✓			
9	Overall effectiveness of the lecture	✓			

Additional comments and suggestions for future

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Date: 10/7/2021

Thank You



## FEEDBACK FORM FOR GUEST LECTURE

Topic : Embedded Systems & Application

Name of the Speaker : Habeeb Sab

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> Please '√' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the lecture?		✓		
2.	How relevant was the content discussed by the speaker?			✓	
3.	Are you satisfied with the time and venue?			✓	
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6.	Did the lecture cover what you were expecting?			✓	
7.	What is your opinion about the speaker?		✓		
8.	How much this session was useful from the knowledge and information point of view		✓		
9.	Overall effectiveness of the lecture		✓		

Additional comments and suggestions for future

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Date: 10-7-2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Embedded Systems & Application

Name of the Speaker : Haberb Sab

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6	Did the lecture cover what you were expecting?		✓		
7	What is your opinion about the speaker?		✓		
8	How much this session was useful from the knowledge and information point of view		✓		
9	Overall effectiveness of the lecture	✓			

Additional comments and suggestions for future

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Date: 10/7/2021

Thank You

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**SKILL & EMPLOYABILITY  
PERSPECTIVE**

**Topic: Industrial Hydraulics & Pneumatics**



**Speaker:**  
**Santosh M.S**  
Sales – Didactics  
Department  
Hydac India Private Limited

Webinar Mapping: Applied Mechatronics  
Syllabus topics covered: Hydraulics &  
Pneumatics(Unit-3)



12/05/2021 (Wednesday) &  
13/05/2021(Thursday)



**Speaker:**  
**Naveen Kumar**  
Sales – Didactics  
Department  
Hydac India Private Limited



Morning - 11:00 AM -12:30 PM  
Afternoon - 2:30 PM - 4:00 PM



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## PROFILE

---

Name : Santhosh.M.S  
Department : Sales - Didactics  
Designation : Senior Manager

### Introduction

- Working in Hydac India Private Limited since 2019.
- Responsible for setting up CoE @ Technical Institutions
- Development of Training Systems
- Impart training on various fields of Automation Technologies

### Previous work experiences

- M/s. Kirloskar Electric Company, Mysore as Trainee - from 1999 to 2000
- M/s. Temec Automation, Mysore as Application support engineer - from 2001 to 2002
- M/s. Sylech Engineering Pvt. Ltd as Quality Engineer - from 2002 to 2005.
- M/s. Chartered Semiconductors as Semiconductor technician - from 2005 to 2007.
- M/s. Bosch Rexroth India Private Limited as Senior Manager - from 2007 to 2019

### KEY HIGHLIGHTS

- Bosch Rexroth AG - Certified trainer for Continuous Control Hydraulics, Pneumatics, TRONICS, Digital Hydraulics, Mobile Hydraulics and Industry 4.0
- Key personnel for Digital Hydraulics and Proportional Hydraulics in India.

### Contact Details

Contact No. +91-9731322550  
Email: santhosh.srnivas@hydacindia.com

## PROFILE

---

Name : Naveen Kumar  
Department : Sales – Didactics  
Designation : Executive Sales

### Introduction

- Working in Hydac India Private Limited Since 2021
- Coordinator for setting up CoE @ Technical Institutions
- Providing specific training programs on fields of Hydraulics.
- Development of Training Systems

### Previous work experience

- M/s Prefect Hydraulics, Bangalore as Design Engineer from 2018 – 2020

### Contact Details

Contact No. +91 9008149282

Email : naveen.kumar@hydacindia.com

## Content covered:

- Hydraulics & Pneumatics:
  - Pascal Law, Continuity equations, Gas Laws,
  - Pneumatic System Elements-Cylinders,
  - Pump, Control Valves including Servo Valves,
  - Compressors, Symbols, Hydraulic System Power pack,
  - Control of single and Doubleacting Pneumatic/Hydraulic cylinder, Control of Sequencing circuits.
- Applications of Hydraulics & Pneumatics-Examples

Hydraulic Pneumatics - 20210512\_090931-Mixing Recording.mp4

Open with

**Graphical Symbols - Flow Control Valve**

**HYDAC ACADEMY**

- Supply line, Return line
- Throttle valve
- Adjustability (for a piston)
- Adjustable Throttle valve

The slide also includes a schematic diagram of a hydraulic circuit showing a pump, a valve, and a cylinder.

Navigation icons: Home, Back, Forward, Search, and other presentation controls.

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System tray icons: Network, Volume, and other background applications.





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3	1NT16ME095	Shashank S Kashyap	A
4	1NT16ME177	Suhas V	A
5	1NT17ME036	Bikesh Yadav	P
6	1NT17ME037	Bineel N B	A
7	1NT17ME125	Shekhar B N	P
8	1NT17ME140	Syed Abid	P
9	1NT18ME002	A Sharanya	P
10	1NT18ME013	Akansha Gupta	P
11	1NT18ME016	Alini Christ Paul	P
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13	1NT18ME018	Aman Kumar	A
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26	1NT18ME062	Karunakar	P
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61	1NT19ME419	Shilpa S Walaki	P
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63	1NT19ME421	Tabasum Banu	P
64	1NT19ME422	Vaibhav C	P

Sl.No	USN	Name	
1	1NT17ME144	Tejas T N	A
2	1NT18ME001	A Aryan	P
3	1NT18ME003	A Somasourya Sarma	P
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6	1NT18ME014	Akash Basavaraj Biradar	P
7	1NT18ME015	Akshay Jha	P
8	1NT18ME021	Anilkumar Saidapur	P
9	1NT18ME023	Arjun K L	P
10	1NT18ME024	Aryan S	P
11	1NT18ME029	Bhadresh J Mudakamath	P
12	1NT18ME030	Bhanu A R	P
13	1NT18ME032	Bharath Kumar N	P
14	1NT18ME034	Chandram	P
15	1NT18ME041	Chiranth Raj M R	P
16	1NT18ME049	Hancy Ronaldo Dsouza	A
17	1NT18ME054	Jaideep S	P
18	1NT18ME056	Jayanth D Hombal	P
19	1NT18ME057	Joswin Monteiro	P
20	1NT18ME060	Karthik N	P
21	1NT18ME064	Kiran Acharya	A
22	1NT18ME073	Madhu K N	P
23	1NT18ME074	Mahendra S	P
24	1NT18ME077	Manish A Kote	P
25	1NT18ME078	Manjunatha H S	P
26	1NT18ME079	Manoj J.	P
27	1NT18ME081	Mayank Kumar Gupta	P
28	1NT18ME083	M B Aditya	A
29	1NT18ME104	Pavan H T	P
30	1NT18ME106	Pavan Kumar K	P
31	1NT18ME108	Prahlad V Deshpande	P
32	1NT18ME109	Pramod A	P
33	1NT18ME110	Prasanna Appasaheb Modi	P
34	1NT18ME112	Pratham Naik K N	P
35	1NT18ME113	Prathap S	P
36	1NT18ME114	Prathvi Raj	P
37	1NT18ME117	Rahul A R	P
38	1NT18ME119	Rajeev Ranjan	P
39	1NT18ME134	Sachin M Revankar	P
40	1NT18ME135	Sadat Ahmed Shakeeb	P
41	1NT18ME136	Sai Kameshwar Sriadibhatla	P
42	1NT18ME137	Sandeep Deshpande	P
43	1NT18ME138	Sanjay M	P

44	1NT18ME139	Sarvajith J H	P
45	1NT18ME140	Shaaf Ahmad Zubairi	P
46	1NT18ME141	Shashank Amaravathi	P
47	1NT18ME142	Shashank Patil	A
48	1NT18ME170	Vikash Jha	P
49	1NT18ME172	Vishal Thapa	P
50	1NT18ME177	Abishek Dhungana	P
51	1NT18ME178	Prabin Dahal	P
52	1NT19ME400	A Sanjay Kumar	P
53	1NT19ME401	Babu Bammu Jangle	P
54	1NT19ME402	Darshan B P	P
55	1NT19ME404	Dhanush R	P
56	1NT19ME408	Mahesha S	P
57	1NT19ME413	Naveen Sc	P
58	1NT19ME415	Praveena B L	P
59	1NT19ME417	Sachin D R	P
60	1NT19ME418	Shashanka H M	P
61	1NT19ME423	Vignesha R	P

## FEEDBACK FORM FOR GUEST LECTURE

Topic : INDUSTRIAL HYDRAULICS & PNEUMATICS

Name of the Speaker : SANTOSH M.S

If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

> Please '√' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the lecture?		✓		
2.	How relevant was the content discussed by the speaker?		✓		
3.	Are you satisfied with the time and venue?		✓		
4.	How much interesting this session was for you?	✓			
5.	How was your preparation about the topic before the guest lecture?		✓		
6.	Did the lecture cover what you were expecting?	✓			
7.	What is your opinion about the speaker?	✓			
8.	How much this session was useful from the knowledge and information point of view	✓			
9.	Overall effectiveness of the lecture		✓		

Additional comments and suggestions for future

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Date: 13-05-2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Industrial Hydraulics & Pneumatics

Name of the Speaker : SANTHOSH M.S

If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

➤ Please '√' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?		✓		
2	How relevant was the content discussed by the speaker?		✓		
3	Are you satisfied with the time and venue?		✓	✓	
4	How much interesting this session was for you?		✓		
5	How was your preparation about the topic before the guest lecture?			✓	
6	Did the lecture cover what you were expecting?			✓	
7	What is your opinion about the speaker?		✓		
8	How much this session was useful from the knowledge and information point of view		✓		
9	Overall effectiveness of the lecture			✓	

Additional comments and suggestions for future

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Date: 13/05/2021

Thank You



## FEEDBACK FORM FOR GUEST LECTURE

Topic : Industrial Hydraulics & Pneumatics.

Name of the Speaker : Santosh M.S

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

➤ Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?		✓		
2	How relevant was the content discussed by the speaker?		✓		
3	Are you satisfied with the time and venue?		✓		
4	How much interesting this session was for you?		✓		
5	How was your preparation about the topic before the guest lecture?			✓	
6	Did the lecture cover what you were expecting?		✓		
7	What is your opinion about the speaker?		✓		
8	How much this session was useful from the knowledge and information point of view		✓		
9	Overall effectiveness of the lecture		✓		

Additional comments and suggestions for future

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Date: 13/05/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Industrial Hydraulic & Pneumatics

Name of the Speaker : Santosh M.S

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

➤ Please '√' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the lecture?		√		
2.	How relevant was the content discussed by the speaker?		√		
3.	Are you satisfied with the time and venue?		√		
4.	How much interesting this session was for you?		√		
5.	How was your preparation about the topic before the guest lecture?			√	
6.	Did the lecture cover what you were expecting?		√		
7.	What is your opinion about the speaker?			√	
8.	How much this session was useful from the knowledge and information point of view		√		
9.	Overall effectiveness of the lecture		√		

Additional comments and suggestions for future

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Date: 13/05/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Industrial Hydraulics and Pneumatics

Name of the Speaker : Santosh M.S

If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

> Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?		✓		
2	How relevant was the content discussed by the speaker?		✓		
3	Are you satisfied with the time and venue?		✓		
4	How much interesting this session was for you?		✓		
5	How was your preparation about the topic before the guest lecture?		✓		
6	Did the lecture cover what you were expecting?		✓		
7	What is your opinion about the speaker?		✓		
8	How much this session was useful from the knowledge and information point of view		✓		
9	Overall effectiveness of the lecture		✓		

Additional comments and suggestions for future

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Date: 13/5/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Industrial Hydraulics & Pneumatics

Name of the Speaker : Santosh M.S

If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

➤ Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?		✓		
2	How relevant was the content discussed by the speaker?		✓		
3	Are you satisfied with the time and venue?		✓		
4	How much interesting this session was for you?		✓		
5	How was your preparation about the topic before the guest lecture?		✓		
6	Did the lecture cover what you were expecting?		✓		
7	What is your opinion about the speaker?		✓		
8	How much this session was useful from the knowledge and information point of view		✓		
9	Overall effectiveness of the lecture		✓		

Additional comments and suggestions for future

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Date: 13/5/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Industrial Hydraulics + Pneumatics

Name of the Speaker : Santosh M.S

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

> Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the lecture?	✓			
2.	How relevant was the content discussed by the speaker?	✓			
3.	Are you satisfied with the time and venue?	✓			
4.	How much interesting this session was for you?	✓			
5.	How was your preparation about the topic before the guest lecture?	✓			
6.	Did the lecture cover what you were expecting?	✓			
7.	What is your opinion about the speaker?	✓			
8.	How much this session was useful from the knowledge and information point of view	✓			
9.	Overall effectiveness of the lecture	✓			

Additional comments and suggestions for future

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Date: 12/05/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Industrial Hydraulics & Pneumatics

Name of the Speaker : Santosh M.S

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

➤ Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?		✓		
2	How relevant was the content discussed by the speaker?	✓			
3	Are you satisfied with the time and venue?		✓		
4	How much interesting this session was for you?		✓		
5	How was your preparation about the topic before the guest lecture?		✓		
6	Did the lecture cover what you were expecting?	✓			
7	What is your opinion about the speaker?	✓			
8	How much this session was useful from the knowledge and information point of view		✓		
9	Overall effectiveness of the lecture		✓		

Additional comments and suggestions for future

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Date: 13/5/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Industrial Hydraulics & Pneumatics

Name of the Speaker : Santosh M.S.

If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

> Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1	How was the overall organization of the lecture?		✓		
2	How relevant was the content discussed by the speaker?	✓			
3	Are you satisfied with the time and venue?	✓			
4	How much interesting this session was for you?		✓		
5	How was your preparation about the topic before the guest lecture?	✓			
6	Did the lecture cover what you were expecting?		✓		
7	What is your opinion about the speaker?	✓			
8	How much this session was useful from the knowledge and information point of view		✓		
9	Overall effectiveness of the lecture	✓			

Additional comments and suggestions for future

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Date: 13/5/2021

Thank You

## FEEDBACK FORM FOR GUEST LECTURE

Topic : Industrial Hydraulics & Pneumatics

Name of the Speaker : Santosh MS

*If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.*

> Please '✓' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the lecture?		✓		
2.	How relevant was the content discussed by the speaker?		✓		
3.	Are you satisfied with the time and venue?		✓		
4.	How much interesting this session was for you?		✓		
5.	How was your preparation about the topic before the guest lecture?		✓		
6.	Did the lecture cover what you were expecting?		✓		
7.	What is your opinion about the speaker?		✓		
8.	How much this session was useful from the knowledge and information point of view		✓		
9.	Overall effectiveness of the lecture		✓		

Additional comments and suggestions for future

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Date: 13/05/2021

Thank You



# NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

## Department of MBA

### Slow and fast learners-Action Taken Report

S.No	Class	No of Students Identified	Name of Student	Justification	Efforts Taken
<b>1</b>	<b>MBA-I Year</b>	15	PRUTHVI S K	<b>Scored less than 50% in Internal Tests</b>	<b>Remedial Classes Conducted on all the numerical subjects</b>
			PUNITH S		
			RAKESH K M		
			RAVI TEJAS K V		
			RON SAMUEL DASARI		
			SACHIN U DESAI		
			SAI SAMARTH H S		
			SHREE SUDARSHAN P		
			SNEHA SM		
			TEJAS D		
			Y V MONISHA		
			ADARSH V		
			AKSHAYA RAJA N		
			ASMA FAYAZI		
			MITHUN H R		
<b>2</b>	<b>MBA-I I Year</b>	12	PARIKSHITH GOWDA H S	<b>Scored less than 50% in Internal Tests</b>	<b>Remedial Classes Conducted on all the numerical subjects</b>
			ABHISHEK M R		
			ABHISHEK SAHUKAR		
			AKHIL M		
			AKSHAY H A		
			AKSHAY KOKITKAR		

			AKSHAY NIPPANI		
			ARPITHA POOVAMMA NM		
			AVIN P R		
			BINDU K O		
			DIVYASHREE R V		
			G GOVARDHAN REDDY		

### Details of Fast Learners: AY 2020-21

S.No	Class	No of Students Identified	Name of Student	Justification	Efforts Taken
1	MBA-I I Year	17	SANDHYA VENKATRAMANA HEGDE	Scored More than 60% in Internal Tests	Conducted additional placement training program, Motivated to take up some certification Courses
			SANTHOSH KUMAR R		
			SANTHOSH N		
			SEEMA P		
			SHILPA S R		
			SHREE LAKSHMI DESHMUKH		
			SHRIKRISHNA H L		
			SHUBHA R		
			SINCHANA B N		
			SUMANTH B S		
			SUNIL MAHABAL NAIK		
			MONISHA D M		
			MONISHA M		
			NAVEEN KUMAR B R		
			NAVIN KUMAR SINGH		

			NAVYA B R		
			NIRUP D S		
2	MBA-I Ii Year	15	ACHUT DEVARU HEGDE	Scored More than 60% in Internal Tests	Conducted Workshops, Seminars and Motivated to take up some certification Courses
			AIYAPPA PC		
			AJAY M		
			PAVAN SHETTY		
			SHWETHA SAMUEL		
			ANJALI N HAMPALI		
			ARCHANA PK		
			ASHWINI G		
			DEEPTHI S		
			DEEPTHI S D		
			DEVIKA CHENGAPPA N		
			DIVYASHREE R V		
			G GOVARDHAN REDDY		
			GEETHAPRIYA NR		
			JAISHREE K KOKITKAR		

# **NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY**

## **Department of EEE**

### **Slow and fast learners – Action taken report**

#### **Following Special activities are conducted for Fast Learners –**

Advanced learners are identified based on the performance in University Examination of previous semester and internal examinations.

- Discussion or seminar on the advanced topic
- Guiding and encouraging to communicate research papers in conferences/Journals
- Training programs for gaining advanced technical know-how.
- Encouraging to participate in various symposiums like quiz, poster presentation, Conferences, inter institution competition etc.

#### **Measures taken for improving academic performance of Slow learner -**

Slow learners are identified based on their performance in University Examination of previous semester and internal examinations.

- Remedial/Extra classes are conducted with appropriate focus on the subject/topic codes in which the students are found to be slow learners
- Individual academic counselling is done by concerned subject teacher.
- Personal counselling is done through mentoring (Teacher guardian) scheme which takes care of the students mentors maintain the entire academic record of the student which is also conveyed to the parents time to time by the teacher guardian. Slow learners are counselled and motivated by the mentors.

# NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

## Department of ECE

**Fast learners Action taken:** Industrial visits provided the students with an opportunity to learn practically through interaction, working methods and employment practices. Visit enhanced the students an exposure to current work practices as opposed to theoretical knowledge being taught at their college classrooms.

Students were able to:

- Opportunity to interact with Industry Experts
- Enhanced employability
- Management Lessons Interpersonal skills enhancement

**Slow learners Action taken:** Tutorial/Remedial classes are scheduled for critical subjects. Additional assignments and tests are conducted for them. Extra practice labs are conducted for such students. In our dept Analog circuits lab, Digital Electronics lab, LIC lab, PE lab practice session are conducted from 5.30pm-8,30 pm for students.













1NT1 6CS0 62	Nagar athna B S	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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The students who have less than 12 marks in MSE are hereby informed to attend the remedial classes. Respective subject teacher will decide on the timing for the classes to be held every week

Sl No	Subject Name	Semester
1	<b>Data Structure</b>	4
2	<b>Maths4</b>	4

**Data structure Students Remedial attendance List**

S I N o	USN	Studen t Name	6/5 /20	6/5 /20	6/5 /20	18/ 5/2 0	18/ 5/2 0	20/ 5/2 0	20/ 5/2 0	23/ 5/2 0	23/ 5/2 0	23/ 5/2 0	24/1 1/19	24/1 1/19	24/1 1/19
	1NT17 CS009	Adarsh Pratap Singh	P	P	P	A	A	P	P	P	P	P	P	A	A
	1NT17 CS010	Aditya B J	A	A	A	P	P	P	P	P	P	P	P	P	P
	1NT17 CS011	Aditya Kumar Seth	P	P	P	P	P	P	P	P	P	P	P	P	P
	1NT17 CS021	Amulya V Pujar	P	A	P	P	P	A	P	P	P	P	P	P	P
	1NT17 CS024	Ankith a S	P	P	A	A	P	P	P	P	P	P	P	P	P
	1NT17 CS025	Anuj Bista	P	P	P	P	P	P	P	P	P	P	P	P	P
	1NT17 CS035	Ayush Saklani	A	A	P	P	A	A	P	P	P	P	P	P	P



		Set h													
	1NT1 7CS0 21	Am ulya V Puja r	P	A	A	P	P	A	P	P	P	P	P	P	P
	1NT1 7CS0 24	Anki tha S	P	P	P	P	P	P	P	P	P	P	P	P	P
	1NT1 7CS0 25	Anu j Bist a	P	P	A	P	P	P	P	P	P	P	P	P	P
	1NT1 7CS0 35	Ayu sh Sakl ani	P	P	P	P	A	A	P	P	P	P	P	P	P
	1NT1 7CS0 36	BV GS Sai	P	P	P	P	P	P	P	P	P	P	P	P	P
	1NT1 7CS0 37	Bali midi Gur u San dee p	P	A	A	A	A	A	P	P	P	A	P	P	P
	1NT1 7CS0 38	Ban di Mo kshi th Das	P	P	P	P	P	A	P	P	P	P	P	P	P
	1NT1 7CS0 40	Bha rath Raj Nay	P	A	A	A	A	A	P	P	P	P	A	A	A



# NitteMeenakshi Institute of Technology

Yelahanka, Bangalore-560064

## Department of MCA

### Identification of Fast learners and Action Taken Report - Aug 2021

#### (ODD SEM)

Faculty Name : Mrs Ashwitha K  
Designation : Assistant Professor  
Subject name : Model View Controller Programming  
Subject Code : 20MCA302  
Semester : III  
Scheme : 3-SCHEME 2020  
Year : 2021

Sl. NO	Type of Learners	USN	Student Name	Action Taken
1	Fast Learners	1NT20MC004 1NT20MC007 1NT20MC010 1NT20MC014 1NT20MC017 1NT20MC022 1NT20MC030 1NT20MC033 1NT20MC036 1NT20MC038 1NT20MC043 1NT20MC048 1NT20MC052 1NT20MC054 1NT20MC055 1NT20MC056	BHARATH M N DEEKSHA HEGDE GOWTHAM M LAVANYA N MAHEK PAVANA GAJANANA BHAT RAMYASHREE TIMMAPPANAIK ROHAIL AKTHAR SACHIN RODRIGUES T S SANDESH HEGDE SHRIDHAR VISHNU HEGDE SUMIT THAKUR TOUHID TAHASHILDAR VASANTI MANJUNATH HEGDE VIJAYKUMAR N H VINAY T	Motivated students to participate in technical events, workshops, symposium, colloquium, exhibitions, and conferences and to perform Mini projects. Encouraging students to work on technical case studies and research papers in the concerned area.

### Identification of slow learners and Action Taken Report - Aug 2021

#### (ODD SEM)

Scheme : 3-SCHEME 2020  
Year : 2021

Sl. NO	Type of Learners	USN	Student Name	Action Taken
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1	slow Learners	1NT20MC024 1NT20MC041 1NT20MC027 1NT20MC009 1NT20MC059 1NT20MC058	PRASHANTH G S SATVIK PATTED RACHAYYA BANDAYYA SWAMI G ASWINI BHAVANA VISHNU K J	Remedial classes were conducted and motivated them to complete practice assignments themselves.
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## Department of MCA

### Identification of Fast learners and Action Taken Report - Aug 2020

#### (ODD SEM)

**Faculty Name:** Dr. Dileep M R  
**Designation :** Assistant Professor  
**Subject name :** Artificial Intelligence  
**Subject Code :** 20MCA3053E  
**Semester :** 3  
**Scheme :** 2020  
**Year :** 2021-2022

Sl. NO	Type of Learners	USN	Student Name	Action Taken
1	Fast Learners		Abhay Bibi Mariyam Deeksha Hegde Gowtham M Hrushikesh Barik Kushaldeep Harshini M T Mahek Megha B M Pavan Bhat Ramya T M Ramyashree Naik Ravi Kulkarni Sandesh Hegde Sanjay G R Shreedhar Hegde Shubhashree Sujit Kumar Sumithra B Vasanthi Hegde Vinay T Vishnu K J	<ul style="list-style-type: none"> <li>• Motivating to participate in related workshops.</li> <li>• Encouraging to do research papers on related topics.</li> <li>• Motivating for quiz, debate participation etc.</li> </ul>



## Department of MCA

### Identification of Slow learners and Fast learners and Action Taken Report – Aug 2021(Odd Semester)

Faculty Name : Ms. Joy Lavinya  
Designation : Associate Professor  
Subject name : Business Intelligence  
Subject Code : **19MCA5052E**  
Semester : V  
Scheme : 2019  
Year : 2020-21

Sl. NO	Type of Learners	USN	Student Name	Action Taken
1	Slow Learners	NIL	NIL	
2	Fast Learners	1NX19MCA67	Sonu Pritam	Encouraged to take up case studies pertaining to Business Intelligence and learn different tools available.

Faculty Name : Ms. Joy Lavinya  
Designation : Associate Professor  
Subject name : Mathematical Foundations for Computer Applications  
Subject Code : **20MCA104**  
Semester : I  
Scheme : 2020  
Year : 2020-21

Sl. NO	Type of Learners	USN	Student Name	Action Taken
1	Slow Learners	1NT20MC021	PARUL SOLANKI	One to one interaction. Conducted additional sessions for Clearing of doubts and solving problems.
		1NT20MC024	PRASHANTH G S	
		1NT20MC025	PRAVEEN KUMAR V N	
		1NT20MC027	RACHAYYA BANDAYYA SWAMI	
		1NT20MC041	SATVIK P	
		1NT20MC055	VIJAYKUMAR N H	
2	Fast Learners	1NT20MC059	BHAVANA S	Motivating to do additional problem on topics.
		1NT20MC007	DEEKSHA HEGDE	
		1NT20MC008	DURGA P	
		1NT20MC012	KARANAM RAMYA	

		1NT20MC015	LOKESHA N R	
		1NT20MC022	PAVANA GAJANANA BHAT	
		1NT20MC026	PRIYANKA HALABHAVI	
		1NT20MC029	RAMYA T M	
		1NT20MC030	RAMYASHREE TIMMAPPA NAIK	
		1NT20MC032	RAVI KULKARNI	
		1NT20MC038	SANDESH HEGDE	
		1NT20MC042	SHREYAS H C	
		1NT20MC043	SHRIDHAR VISHNU HEGDE	
		1NT20MC046	SOORAJ PARAMESHWAR NAIK	
		1NT20MC047	SUJIT KUMAR	
		1NT20MC049	SUMITHRA	
		1NT20MC050	SWAROOP K S	
		1NT20MC057	VINAYA H V	

### **Identification of Fast learners and Action Taken Report - Aug 2021-22(ODD SEM)**

**Faculty Name** : Mr. Navaneeth A V

**Designation** : Assistant Professor

**Subject name** : Big Data Analytics

**Subject Code** : 20MCA3065E

**Semester** : 3

**Scheme** : 2020

**Year** : 2021-22

Sl. NO	Type of Learners	USN	Student Name	Action Taken
1	Fast Learners		SANDESH HEGDE	Motivated towards performing research activities and case study in concerned area.
		1NT20MC011	HRUSHIKESH BARIK	

**Identification of slow learners and Action Taken Report - Aug 2021-  
22(ODD SEM)**

**Faculty Name** : Mr. Navaneeth A V

**Designation** : Assistant Professor

**Subject name** : Big Data Analytics

**Subject Code** : 20MCA3065E

**Semester** : 3

**Scheme** : 2020

**Year** : 2021-22

Sl. NO	Type of Learners	USN	Student Name	Action Taken
1	Slow Learners	1NT20MC029	RAMYA T M	One to one interaction has been done with more emphasis on subject. Clearing the doubts. Special classes has been conducted.
		1NT20MC034	JAYANTH S	
		1NT20MC027	RACHAYYA BANDAYYA SWAMI	
		1NT20MC021	PARUL SOLANKI	
		1NT20MC051	THIPPESWAMY M A	