K.S. RANGASAMY COLLEGE OF ARTS AND SCIENCE (Autonomous)

K.S.R Kalvi Nagar, Tiruchengode– 637 215
Namakkal Dt, Tamil Nadu, India

Department of Mathematics

Ramanujan Forum
SKILL DEVELOPMENT PROGRAM
Web Lecture on "Introduction to SAP S/4HANA"
Date: 29.11.2022

Content

From
T.Rajendrakumar,
Asst. Prof. & Head, Department of Mathematics,
K.S.R College of Arts & Science (Autonomous)
Tiruchengode-637215.

To
The Principal,
K.S.R College of Arts & Science (Autonomous),
Tiruchengode-637215.

Respected Sir,

SUB: Permission for Web lecture on "Introduction to SAP S/4HANA" – Reg

The Department of Mathematics has planned to organize a Web lecture on "Introduction to SAP S/4HANA on 29.11.2022 through Google Meet. So I kindly, request you to give us permission to conduct the above said program.

Thanking you.

Yours Sincerely,

(T.Rajendrakumar)

Date: 21.11.2022

Place: Tiruchengode.

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K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

TIRUCHENGODE-637215.

DEPARTMENT OF MATHEMATICS

DEPARTMENT CIRCULAR

Date: 17.11.2022

From	To
The Head, Department of Mathematics	The Students and Faculties

Dear Students,

Sub: Department Activities-Mathematics –Intimation-reg

The Department of Mathematics is planned to conduct a Web Lecture on "Introduction to SAP S/4HANA" on 29.11.2022 at 11.30 AM in Google Meet. Attend the program without fail.

HoD 17|11|22

Senthilkumar R.
SAP IBP Business Analyst
abapsenthil@outlook.com
Mobile: +91 96323 60606

Summary

- Having around 15+ years of experience in IT industry, with 12+ years as SAP ABAP Consultant in SCM-APO, SCM-EWM, SD, MM, FI and HCM,
- Having around 7 years of experience in APO-ABAP.
- Experience in SAP APO Demand Planning, SNP & PPDS modules.
- Experience in ABAP includes, OO ALV, Interface, Adobe Forms, ABAP Proxy, Classical and Interactive Reporting, ALE, custom IDOC Development, Module Pool programming, RF-ID, ABAP Query, User Exits, BADI, SMARTFORMS, BTE, ABAP Queries, OO ABAP, Batch job management, Performance Tuning and Debugging.
- Experience in APO includes reading data from live cache (time series) and writing data to live cache (time series), Macro BADI implementation
- Very strong analytical and problem solving skills
- Worked on different phases of the project like, requirement gathering, configuration, unit testing, integration testing, UAT, Go-Live and production support
- Have good experience in evaluating the functional specifications with process teams, translating functional specifications into technical specifications, reviewing technical specifications prepared by team members, assisting the team in resolving technical issues.
- Experience in APO DP includes Planning Area, Planning Book, Time Series, Macro design, CVC creation.
- Extensive experience in identifying and implementing change requests, impact analysis
- Hands on experience in SAP UI5, SAP Fiori, SAP HANA, SLT, BODS, Data Modeling, JSON model, XML model, Resource Model, ODATA service, Java Script, JQuery, HTML 5 and CSS.
- Experience in resolving EWM technical issues
- Experience at client site includes, requirement gathering, end user training, planning and coordinating knowledge transition sessions to off shore team
- Good understanding of SD, MM and HCM processes
- Cross Industry exposure (Electronics, Automobiles, Pharmaceutical)
- Accustomed to delivering client facing and demanding roles
- Considerable experience working in International and multi-cultural work environments
- Extensive experience in Implementation, support projects
- Good Team player. Mentored junior team members in the team
- Highly motivated and proactive in approach towards work, creative problem-solving abilities with excellent verbal and written communication skills.

Education

Master of Science, Graduated from Bharathidasan University, India.

Work Experience

- Working with SLB, Coimbatore since Sept 2017 – till date.
- Worked with DXC Technology, Bangalore (formally known as Hewlett-Packard Global Soft Private Limited) Feb 2008 – Aug 2017.
- Worked with Changepond Technologies, Chennai, Mar 2005 – Feb 2008.

Certification

- SAP Certified Application Associate – SAP EWM (Extended Warehouse Management 9.0)

Sr. SAP EWM ABAP Technical Consultant (SCM-EWM Implementation Project)

Client: Madura Fashion & Apparels • Jan 2014 – May 2014   • Bangalore, India

The key facets and achievements in this project as Sr. SAP Technical Consultant were as follows:

- Implemented BADI for Grid level validation.
- Developed Module pool program to display in the RF scanner.
- Created Internet Services to call Module pool program in the RF scanner.
- Worked on Delivery Services.
- Technical specifications design for the business Objects developments.
- Worked on Core Interface (CIF) enhancements.
- Resolved EWM issues in Outbound delivery process
- Handled all batch job issues in ECC and APO which are long running and cancelled.
- Worked on interfaces.
- Primarily responsible for requirement gathering, enhancement implementations, unit testing and integration testing
- Supported post go-live activities from on-site (From Hamburg, Germany). Managed effectively client and off shore team during go-live and post go-live phase
- Involved in business discussions with customer to gather requirements when at on–site
- Worked together with end users to conduct UAT successfully
- Diagnosis and problem resolution for Service Incidents caused specifically by breaks in existing functional configuration and/or existing custom development.
- Co-ordinate effectively with both client and offshore team during knowledge transition
- Involved in preparation of cut over plans for project go-live and executed them successfully

Environment: SAP ECC 6.0, SAP SCM 7.0, Core Interface (CIF).

Sr. SAP ABAP Technical Consultant (Upgrade Project)

Client: Bharath Electronics Ltd • Aug 2013 – Dec 2013
                                                                                    • Bangalore, India

- Done Unicode Conversion -Identified Unicode incompatible objects and manually converted objects to Unicode Compatible objects using UCCHECK.
- Performed SPDD & SPAU Activities.
- Done Custom Program remediation.
- Applying OSS Note
- Responsible for Transports.
- Unit Testing & User Integration Testing.
- Done Documentation work.
- Responsible for the Go Live processes and after Go Live support.

Environment: SAP ECC 6.0.

Sr. SAP EWM ABAP Technical Consultant (SCM-EWM Implementation Project)

Client: Madura Fashion & Apparels • Jan 2014 – May 2014   • Bangalore, India

The key facets and achievements in this project as Sr. SAP Technical Consultant were as follows:

- Implemented BADI for Grid level validation.
- Developed Module pool program to display in the RF scanner.
- Created Internet Services to call Module pool program in the RF scanner.
- Worked on Delivery Services.
- Technical specifications design for the business Objects developments.
- Worked on Core Interface (CIF) enhancements.
- Resolved EWM issues in Outbound delivery process
- Handled all batch job issues in ECC and APO which are long running and cancelled.
- Worked on interfaces.
- Primarily responsible for requirement gathering, enhancement implementations, unit testing and integration testing
- Supported post go-live activities from on-site (From Hamburg, Germany). Managed effectively client and off shore team during go-live and post go-live phase
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- Responsible for the Go Live processes and after Go Live support.

Environment: SAP ECC 6.0.

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SAP ABAP Technical Consultant (SAP ECC Support Project)

Client: Hoval AG, Switzerland• Jan 2007– Jan 2008 • Switzerland

- Developed ALV Hierarchical sequential report for Automatic Bank Payment
- Developed two ALV TREE Report to display Catalog details and also done navigation from one ALV Tree report to another.
- Created modification program for CRM_DNO_MONITOR which is a standard Report for Transaction Monitor – Service Processes in CRM Solution Manager.
- Material Long Text Upload from legacy database (SQL Database) to SAP system. If the long text already exits in sap system for the material, the legacy long text should be updated.
- Developed dialog program to search Material long text and modify material long text using Text Editor Control.
- Screen modification work in Catalog Management System.
- Automatic invoice printing based on additional field values (accounting Indicator).
- NIWE0000 for MRN1 - Change Average Consumption Quantity for Material.
- NIWE0002 for MRN1 - Lowest value determination by range of coverage or movement
- SAMPLE_PROCESS_00002040 - This process is used to determine the output device (printer, fax machine or Internet) to be used for the payment advice note.

Environment: SAP ECC 5.0.

SAP ABAP Technical Consultant (ECC 5.0 Implementation Project)

Client: Bonfiglioli Transmissions Pvt. Ltd • Dec 2005– Dec 2006 • Chennai, India

- Developed a Report to calculate and download the customs duty calculation in Excel sheet.
- Excise Difference Calculation report for trading activities for FI Module.
- Invoice details based on Sale Order Status and store it in FTP folder as XML file.
- Developed a Report to list the Work In Process status in manufacturing section for each component and production order.
- Upload of Customs duty calculation data in the MIRO Transaction for the vendor customs invoice verification.
- Designed and coded a BDC program for posting G/L Account – Header Data using transaction F-02 in FI Module.
- Created customized layouts for FI Modules like Journal Voucher, Customer Balance, Vendor Balance, Customer Debit Note, Vendor Debit Note, Customer Credit Note and Vendor Credit Note.
- Modified the standard layout RVINVOICE as per user requirements.
- Modification of Standard Layout ARE1
- Standard Report Modification of Transaction LP21 & LP10 in WM Module

Environment: SAP ECC 5.0.

SAP ABAP Technical Consultant (SAP R/3 Support Project)

Client: Modus Link, Singapore• Apr 2005– Nov 2005 • Chennai, India

- BOM Explode Report for sales order history data for PP Module
- BOM Explode Report for Forecast data.
- Volume Variability Analysis Report
- Calculation for Supply Target.
- Uploading Sales Order History Data. for PP Module
- Uploading Forecast Data.
- User exit for VA02 (MV45AF22). This exit will save the record changes to sales order or contact net price, quantity or total value and to store this information in a custom table henceforth referred to as the "SD document value change log.

Sr. SAP APO ABAP Technical Consultant (SAP APO Support Project)

Client: Molson Coors Brewing company • Jan 2013 – July 2013   • Bangalore, India

- Technical specifications design for the business Objects developments.
- Done Feasibility check.
- Developed reports using OOPS ALV.
- Worked on Core Interface (CIF) enhancements.
- Worked on BADI, User exits.
- Done standard screen modification work.
- Worked on IDOCs and IDOC Extensions.

Environment: SAP ECC 6.0, SAP SCM 7.0, Core Interface (CIF).

SAP APO ABAP Technical Consultant (SAP APO Implementation Project)

Client: Johnson & Johnson Consumer Asia Pacific • Aug 2010 – Dec 2012   • Singapore

- Technical specifications design for the business Objects developments.
- Done Feasibility check.
- Developed interactive reports using OOPS ALV.
- Worked on Core Interface (CIF) enhancements.
- Worked on BADI, User exits.
- Done standard screen modification work.
- Worked on interfaces.
- Primarily responsible for requirement gathering, enhancement implementations, unit testing and integration testing
- Supported post go-live activities from on-site (From Hamburg, Germany) Managed effectively client and off shore team during go-live and post go-live phase
- Involved in business discussions with customer to gather requirements when at on-site
- Worked together with end users to conduct UAT successfully
- Diagnosis and problem resolution for Service Incidents caused specifically by breaks in existing functional configuration and/or existing custom development.
- Co-ordinate effectively with both client and offshore team during knowledge transition
- Involved in preparation of cut over plans for project go-live and executed them successfully
- Developed interactive ALV Report to create CVC for new products.
- Developed Bundle kit planning ALV Report to provide the user an interactive screen in SAP for managing bundle kit planning which the users are currently doing in spreadsheets
- Developed one parent and one child ALV Report to provide the Demand and supply situation of Parent (Rework) SKU, Supply situation of Child SKU with lead time offset and Calculate Stock projection of Parent SKU based on supply situation of Parent and Child SKU.
- Developed stock projection of child SKU ALV Report to have visibility on Stock Projection of child component and the requirements from the corresponding parent component.
- Developed Manual review report to change planned orders in APO.
- Business Add-in - the Macro BADI /SAPAPO/ADVX enhancement done for Import Triangulation process which will populate the source location key figure values into target location key figures with the bucket offset calculated from the planning parameters of Location Product Master and Transportation Lane Master.
- Business Add-in – Enhanced the BADI /SAPAPO/SDP_COLWIDTH to increase the column width in the planning book.
- User exit – implemented the User Exit APODM006 to change the Period Description in the Planning books.

Environment: SAP ECC 6.0, SAP SCM 7.0, Core Interface (CIF).

SAP HR ABAP Technical Consultant (SAP HCM Implementation Project)

Client: Molson Coors Brewing company ▪ Feb 2008 – July 2010   ▪ Chennai, India

- Technical specifications design for the business Objects developments.
- Worked on Interface, PCR Adobe Forms, Enhancements, Reports, BDC and LSMW.
- Create Interface program using ABAP Proxy (Inbound and Outbound) to XI.
- Done enhancement works in Workflow
- Generated various PCR Forms using Adobe Forms.
- Unit testing of the objects developed by the team
- Helped team members by giving solution to fix their issues
- Created Custom OM and PA Info types
- Added custom fields to Info type 0004
- Performed peer review for developments of other colleagues
- Outbound Interface from SAP to MIIS through XI & Web Methods - Developed outbound interface which contains all new employees, terminations and any changes to the fields being sent, since the last time the file was sent.
- Outbound Interface from SAP R/3 to Ceridian through XI & Web Methods - This Interface will create 9 output files: an output file per Action like Hiring, Termination, Salary change, Position change, Leave of Absence etc. and files containing field changes.
- Inbound interface from United Way - Inbound file will be received from United Way containing charitable donation information for participating employees.
- Salary Adjustment Form – Developed an Adobe Form that will allow managers to request a salary adjustment using Manager Self-Service. These PCR forms will be sent for one-up manager approval and then will be routed to the COS team for processing.
- Change Employee Classification Form – Developed an Adobe form that will allow Managers to request a change of an employee's classification using Manager Self-Service. These PCR forms will be sent for one-up approval and then will be routed to the COS for processing.
- Return from Leave of Absence Form – Developed an Adobe form that will allow Managers to request a return from Leave of Absence using Manager Self-Service. These PCR forms will be sent for one-up approval and then will be routed to the COS for processing.
- Developed BDC program to upload data in OM info type HRP1002(Description)
- Business Add-in - For reorganizations performed in SAP's Organizational Management (OM) module, a record will need to be automatically inserted into the employee's record in the Personnel Administration (PA) module. The record insertion is done in T-code PPOME through the BADI enhancement HRBAS00INFTY.
- Created custom Info type 9001 to enter the complementary information's in order to complete a termination action.
- Developed One-up Manager Approval Workflow - When certain transactions are initiated in MSS, the request must first be routed to the manager of the initiating manager (one-up manager) before being processed in SAP. Once the request is approved, it will input into SAP.
- Developed ALV Report to provide CBL pension provider, Prudential, with employee starter and leaver information.

Environment: SAP ECC 6.0, ABAP Proxy, SAP XI.

Technology

- **ERP:** SAP R/3 4.7, ECC 5.0 and ECC 6.0, ECC EHP7.
- **Languages:** ABAP/4, JAVA Script.
- **Web Technology:** SAP UI5, SAP Fiori, SAP ODATA Services, HTMP 5, CSS, Java Script, JQuery
- **ABAP/4 Tools:** Workflow, ALE/IDOC, BAPI, BADI, BDC, LSMW, OO ALV, Sap Script, Smart forms, User Exits, ABAP Query, ABAP Objects.
- **Management:** SAP Solution Manager, ASAP & Agile Methodology.
- **Operating System:** Windows NT, Windows 10, MS–DOS.
- **Database:** MS Access, Oracle.

Professional Experience

Sr. SAP APO ABAP Technical Consultant (SAP APO-DP Implementation Project)

Client: Procter and Gamble ▪ June 2014 – Till Date

▪ Bangalore, India

The key facets and achievements in this project as Sr. SAP APO ABAP Technical Consultant are as follows:

- Created custom BAPI to push master data from TIBCO system to SAP.
- Worked on Info object, Extractors and Info provider.
- Handled data read/write from DSO/Info Objects available in the different/same system.
- Technical specifications design for the business Objects developments.
- Developed Module pool program to create promotion.
- Done Feasibility check.
- Worked on Core Interface (CIF) enhancements.
- Worked on BADI, User exits and Macro BADI.
- Developed CVC creation and deletion program.
- Worked on Parallel processing concepts.
- As part of back end team in the SAP UI5/Fiori, developed FMs to use in the SAP NetWeaver Gateway Services.

Environment: SAP ABAP, ECC EHP7, ODATA Service, SAP HANA.

K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (Autonomous)
Tiruchengode – 637215
Department Of Mathematics
Ramanujan Forum

WEB LECTURE ON "Introduction to SAP S/4HANA"

Date:29.11.2022

S.No	Name Of The Student	Year	Signature
1.	DHARSHANA A	I-B.Sc Maths	
2.	GOKUL G	I-B.Sc Maths	
3.	HARIHARAN P	I-B.Sc Maths	
4.	HARINI SRI J	I-B.Sc Maths	
5.	PALANIAPPAN S	I-B.Sc Maths	
6.	SOUNDHARYA P	I-B.Sc Maths	
7.	SRIMATHI C	I-B.Sc Maths	
8.	BALAMURUGAN C	II-B.Sc Maths	
9.	DHAKSHAYA R	II-B.Sc Maths	
10.	MANIBHARATHI S	II-B.Sc Maths	
11.	MANOSRI A	II-B.Sc Maths	
12.	NAVEEN R	II-B.Sc Maths	
13.	SINDHUJA S	II-B.Sc Maths	
14.	SOWNDARYA S	II-B.Sc Maths	
15.	VIKRAM M	II-B.Sc Maths	
16.	DHANAPAL N	III-B.Sc Maths	
17.	DHANUSH L	III-B.Sc Maths	
18.	HEMA K	III-B.Sc Maths	
19.	KARTHICK R	III-B.Sc Maths	
20.	MANISHA P	III-B.Sc Maths	
21.	NITHISH M	III-B.Sc Maths	
22.	PRIYADHARSHINI P	III-B.Sc Maths	
23.	RAVICHANDRAN V	III-B.Sc Maths	
24.	SATHYA NARAYANAN M	III-B.Sc Maths	
25.	SOUNDHARRAJ A	III-B.Sc Maths	
26.	SOWMIYA T	III-B.Sc Maths	
27.	SRINIVASAN P	III-B.Sc Maths	

28.	S.ARCHANA	I-M.Sc Maths	
29.	K.DHINESHKUMAR	I-M.Sc Maths	
30.	K.V.JOSHIKA	I-M.Sc Maths	
31.	R.JYOTHIKA	I-M.Sc Maths	
32.	S.KAVINA	I-M.Sc Maths	
33.	G.SOWMIYA	I-M.Sc Maths	
34.	C.SUVETHA	I-M.Sc Maths	
35.	ABINAYA K	II-M.Sc Maths	
36.	DEEPANPRASANTH E	II-M.Sc Maths	
37.	GOWTHAMI G	II-M.Sc Maths	
38.	MUTHU BAARATHI D	II-M.Sc Maths	
39.	NAVEEN K M	II-M.Sc Maths	
40.	PRIYA V	II-M.Sc Maths	
41.	PRIYADHARSHINI R	II-M.Sc Maths	
42.	RUBIHA M	II-M.Sc Maths	
43.	SRI MENAGADEVI K	II-M.Sc Maths	
44.	SUBASH M	II-M.Sc Maths	

K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

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DEPARTMENT OF MATHEMATICS

RAMANUJAN FORUM

WEB LECTURE ON "Introduction to SAP S/4HANA"

PHOTO GALLERY

Dated: 29.11.2022
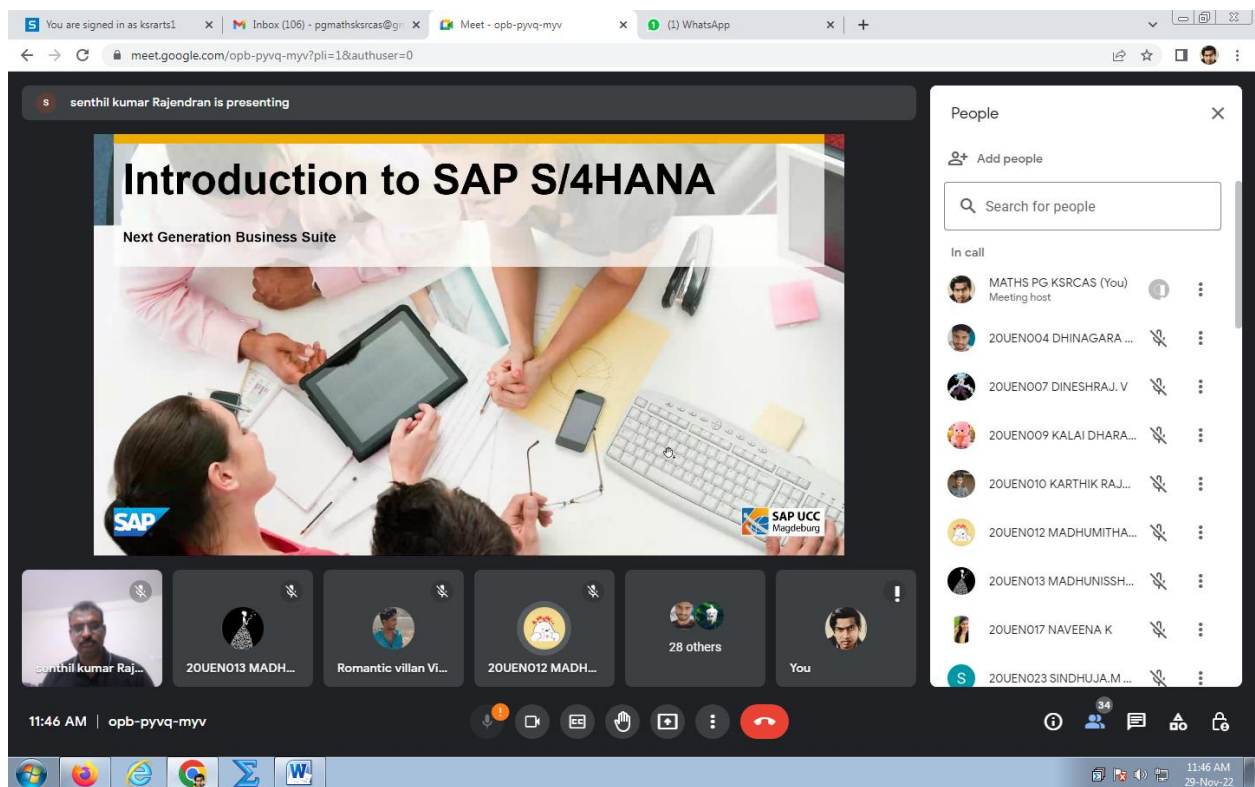
Chief Guest's Introduction

Power point Presentation

K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Department of Mathematics

RAMANUJAN FORUM

Web Lecture - Introduction to SAP S/4HANA —Report

29.11.2022

Department of Mathematics conducted Webinar on Introduction to SAP S/4HANA on 29.11.2022 for the benefit of our students and staff in online mode.Web lecture started with a Welcome note by Mr.T.Rajendrakumar, Head & Assistant professor , Department of Mathematics, KSRCAS. Mr.R.Senthilkumar SAP IBP Business Analyst acted as a resource person.

Program started at 11.30 A.M through- Google Meet.This webinar focuses to develop Business skills. Nearly 50 participants from our department and our faculty members were benefited through this program.

Finally vote of thanks delivered by Mr.J.Navaneethakrishnan,Assistant Professor, Department of Mathematics.

This Web lecture was very useful for students and faculty to improve their interest towards SAP S/4HANA.

HoD 29/11/22